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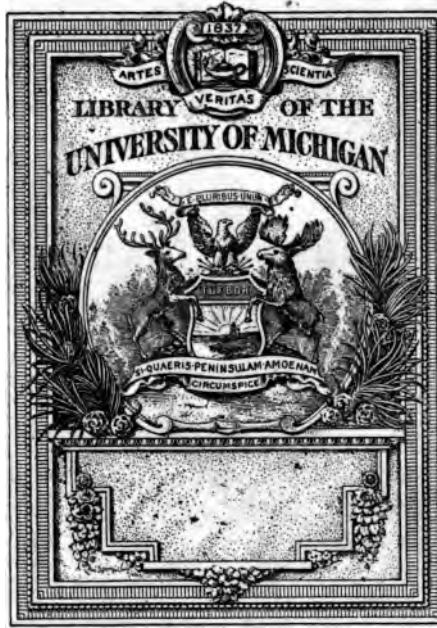
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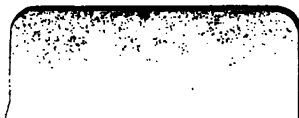
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THE GIFT OF  
*State Bd. Edu.*



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THIRTEENTH BIENNIAL REPORT

OF THE

STATE BOARD OF EDUCATION

OF THE

STATE OF MICHIGAN

FROM

JANUARY 1, 1905, TO DECEMBER 31, 1906, AND TREASURER'S REPORT FROM JULY  
1, 1904, TO JUNE 30, 1906



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BY AUTHORITY

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LANSING, MICH.  
WYNKOOP HALLENBECK CRAWFORD CO., STATE PRINTERS  
1907



LETTER OF TRANSMITTAL.

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STATE OF MICHIGAN,  
STATE BOARD OF EDUCATION,  
Lansing, Dec. 31, 1906. }

*To the Honorable, the Legislature of Michigan:*

GENTLEMEN—In compliance with the provisions of law, we have the honor herewith to transmit to you the biennial report of the State Board of Education, together with the accompanying documents for the years 1905 and 1906.

W. J. MCKONE, *President,*  
D. M. FERRY, JR., *Vice President,*  
P. H. KELLEY, *Secretary,*  
L. L. WRIGHT, *Treasurer.*





## TABLE OF CONTENTS.

	Page
<b>REPORT OF STATE BOARD OF EDUCATION:</b>	
Organization.....	7
Legislative Appropriations, Fiscal Years 1906 and 1907.....	8
Michigan State Normal College:	
Contracts of the Biennial Period.....	9
Normal Park Association, Purpose and Gift of.....	9
Central Michigan Normal School:	
Installation of Heating and Lighting Plant.....	10
Purchase of Additional Land.....	10
Northern State Normal School:	
Erection of North Wing, Peter White Hall of Science.....	11
Destruction of South Wing.....	11
Provision for Funds for Rebuilding South Wing.....	11
Contracts for Rebuilding South Wing.....	12
Western State Normal School:	
Affiliation with Public Schools of Kalamazoo.....	12
Normal Extension Classes.....	12
Normal School System:	
Course of Study.....	13
Boards of Visitors.....	15
Ornamentation of Grounds.....	16
Coal Contracts for Biennial Period.....	16
Miscellaneous:	
Teaching Necessary for College Life Certificate.....	17
Indorsement of Work at Wisconsin Normals.....	17
College Life Certificates for Graduates at M. A. C.....	17
Certificates Granted for Biennial Period.....	17
<b>REPORTS OF BOARDS OF VISITORS:</b>	
Michigan State Normal College.....	21
Central Michigan Normal School.....	22
Northern State Normal School.....	23-27
<b>REPORT OF PRESIDENT OF MICHIGAN STATE NORMAL SCHOOL:</b>	
Buildings on Campus.....	31
Expenditure of Special Appropriations.....	32
Attendance.....	32
Faculty.....	32-35
Courses of Study.....	35
Special Needs.....	36
Summer School.....	36-38
<b>REPORT OF PRINCIPAL OF CENTRAL MICHIGAN NORMAL SCHOOL:</b>	
Buildings and Grounds.....	39
Courses of Study.....	40
Faculty.....	40-42
Attendance.....	43
Graduates.....	43
The Library.....	43-44
The Laboratories.....	44
The Training School.....	44-45
Plan for Coordination.....	45-46
The Summer School.....	46-47
Manual Training.....	48
Visits of Michigan Superintendents.....	48
Conference of Teachers of Psychology.....	49
Special Needs.....	50-51
<b>REPORT OF PRINCIPAL OF NORTHERN STATE NORMAL SCHOOL:</b>	
Attendance.....	52
Extension Classes.....	52
Graduates.....	53
Policy of Training Department.....	53
Library Building.....	53
Destruction of South Wing.....	54
Laboratories.....	54
Faculty and New Departments.....	54-56
Summer School.....	56-57

	Page
<b>REPORT OF PRINCIPAL OF WESTERN STATE NORMAL SCHOOL:</b>	
Attendance.....	58-59
Courses of Study.....	59-60
Resources of the School.....	60-61
Special Needs of the School.....	61-62
Location of the School.....	62
Summer School.....	63-66
<b>BUDGETS OF NEEDED APPROPRIATIONS:</b>	
Michigan State Normal College.....	67
Central Michigan Normal School.....	68
Northern State Normal School.....	69
Western State Normal School.....	70-71
<b>REPORT OF TREASURER.....</b>	<b>73,152</b>

## REPORT OF STATE BOARD OF EDUCATION.

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*To the Honorable, the Legislature of Michigan:*

In accordance with Section 10 of Act 194 of the Laws of 1889 requiring a report to the Legislature at every regular session thereof, the State Board of Education has the honor to submit this, its thirteenth biennial report for the years 1905 and 1906.

The membership and organization of the Board for the past two years has been as follows:

1905.

January 1 to November 1.

Luther L. Wright, Ironwood, President,  
Wm. J. McKone, Albion, Vice President,  
James H. Thompson, Evart, Treasurer,  
Patrick H. Kelley, Lansing, Secretary.

November 1 to December 31.

Wm. J. McKone, Albion, President,  
E. C. Hinman, Battle Creek, Vice President,  
Luther L. Wright, Ironwood, Treasurer,  
Patrick H. Kelley, Lansing, Secretary.

1906.

January 1 to December 31.

Wm. J. McKone, Albion, President,  
Dexter M. Ferry, Jr., Detroit, Vice President,  
Luther L. Wright, Ironwood, Treasurer,  
Patrick H. Kelley, Lansing, Secretary.

The most important duty of this Board is to care for, control, and administer the affairs of the State normal schools. There are now four normals: Michigan State Normal College at Ypsilanti, Central Michigan Normal School at Mt. Pleasant, Northern State Normal School at Marquette, and Western State Normal School at Kalamazoo. The Legislature of 1905 provided by legislative enactment for the needs of the four normals for the fiscal years of 1906 and 1907 as follows:

**Duty of  
Board.**

**NORMAL SCHOOL SYSTEM:**

Current expense, yearly .....	\$254,565 00
Special appropriations .....	115,850 00

**MICHIGAN STATE NORMAL COLLEGE:**

Current expense, yearly .....	\$112,000 00
Special appropriations .....	\$10,850 00
(a) Improvements on grounds .....	500 00
(b) Heating plant in S. C. A. building.....	500 00
(c) Entrance to gymnasium .....	200 00
(d) Fire escapes, main building .....	1,500 00
(e) Second floor in library .....	4,000 00
(f) Wiring and fixtures, science building.....	1,000 00
(g) Repairs on boilers .....	600 00
(h) Organ repairs .....	250 00
(i) Syphon jet closets .....	800 00
(j) Steel ceiling in chapel .....	1,500 00

**CENTRAL MICHIGAN NORMAL SCHOOL:**

Current expense, yearly .....	\$66,565 00
Special appropriations .....	\$30,000 00
(a) Additional land .....	5,000 00
(b) Central heating plant .....	25,000 00

**NORTHERN STATE NORMAL SCHOOL:**

Current expense, yearly .....	\$41,000 00
Special appropriation .....	\$15,000 00
North wing to Peter White Hall of Science.....	15,000 00

**WESTERN STATE NORMAL SCHOOL:**

Current expense, yearly .....	\$35,000 00
Special appropriation .....	\$60,000 00
Library, gymnasium, and assembly room.....	60,000 00

During the past two years, the Board has held monthly business meetings, usually on the last Friday of the month. A large part of its work has been that of auditing accounts, employing new members of the several faculties, granting certificates, and in other ways supplying the needs and requirements of the normal school system.

In submitting this report the Board makes mention only of such things as mark a new departure of policy or as show something of the general use of appropriated moneys. Itemized statements of receipts and expenditures will be found in the accompanying Treasurer's report, and the lists of faculty members and general condition of the normals is set forth at length in the reports of their president and principals. Attention is called to their special reports for the summer session.

## MICHIGAN STATE NORMAL COLLEGE.

But three contracts of importance were awarded in connection with the State Normal College. At the meeting of July 31, 1905, the contract for the steel ceiling in the chapel was awarded Barrett & Daly for \$834.65; that for fire escapes was awarded the Hol-<sup>Contracts.</sup>ton & Weatherwax Co., Ltd., of Jackson, for \$486.50; and that for improvements in the library to the Library Bureau for \$3,750.

Perhaps the most important acquisition came in the shape of a gift, by the citizens of Ypsilanti and members of the college faculty, organized as the Normal Park Association, of ten and one-half acres of land to the Board as an addition to the college<sup>Normal Park Asso.</sup> campus. The following communication which accompanied the gift explains the purpose of the organization and gives a list of the contributors of this special property:

*To the Honorable State Board of Education of the State of Michigan:*

GENTLEMEN—The following is a statement covering the transactions of the Normal Park Association, an association of the following persons: John B. Van Fossen, Robert W. Hemphill, Jr., S. D. Magers, Benjamin Pittenger, and Robert M. Rheinhold, organized May 30, 1906, for the purpose of enlarging and beautifying the normal college campus, in the purchase of ten and one-half acres of land of the Straight estate, the deed to which is herewith respectfully presented.

List of contributors and amounts contributed:

J. G. Zwergel.....	\$50 00	Dunlap and George.....	\$10 00
E. A. Strong.....	25 00	Webster Bros. and Son.....	15 00
N. A. Harvey.....	25 00	H. Fairchild.....	5 00
L. H. Jones.....	50 00	Matt Max.....	10 00
R. W. Hemphill, Jr.....	25 00	A. Harnack.....	10 00
R. W. Hemphill, Sr.....	25 00	J. P. Kirk.....	5 00
C. E. King.....	50 00	E. P. Allen.....	5 00
S. D. Magers.....	25 00	Ed Carpenter.....	10 00
J. S. Lathers.....	25 00	Harding and Schaffer.....	10 00
W. B. Hatch.....	25 00	F. M. Beall and Co.....	10 00
Wallace and Clark.....	25 00	J. L. Hunter.....	5 00
Jas. E. Samson.....	25 00	B. W. Peet.....	10 00
Dan Quirk, Sr.....	50 00	Mary A. Goddard.....	5 00
Jas. Heuston.....	25 00	F. R. Gorton.....	10 00
E. A. Lyman.....	25 00	R. C. Ford.....	15 00
F. H. Pease.....	25 00	Frances L. Stewart.....	5 00
T. W. McAndrew.....	25 00	O. O. Norris.....	5 00
Nora Murphy.....	25 00	Jessie Phelps.....	5 00
D. A. Griffen.....	25 00	L. S. Warner.....	10 00
S. B. Laird.....	25 00	W. P. Bowen.....	15 00
The Scharf Tag, Label and Box Co.	25 00	H. P. Britton.....	5 00
C. S. Wortley.....	25 00	Fannie C. Burton.....	5 00
J. B. Colvan.....	25 00	Normal Oratorical Association....	35 00
W. N. Lister.....	20 00	Alice Boardman.....	5 00
M. S. W. Jefferson.....	10 00	Abigail Lynch.....	5 00
George A. Homes.....	10 00	Genevieve Walton.....	5 00
E. R. Beal.....	15 00	Grace Fuller.....	10 00
M. Dawson.....	10 00	Wells and Gooding.....	5 00
Davis & Kishlar.....	10 00	R. M. Reinhold.....	10 00
J. C. Stone.....	15 00		
Burke Bros.....	10 00		
		Amount subscribed.....	1,035 00

## Expended:

Cost of land .....	\$1,000 00	
Incidental expenses .....		9 80
5 Wayne fares .....	\$1 50	
4 Detroit fares .....	2 65	
2 'phones .....	45	
Legal .....	1 50	
Blanks and paper .....	20	
Printed receipts .....	3 50	
Amount expended .....		1,009 80
Balance on hand .....		25 20

The item "balance on hand" is the amount which will be on hand when all collections on the above subscription list are completed. At this time some of the contributors are not within reach and the amount necessary to complete the purchase at once was advanced by the members of the association. The amount to be collected at the present date is \$95.00. The balance on hand as soon as collected will be left in the hands of Robert W. Hemphill, Sr., trustee, (for the association), and if for any reason the association should not acquire any further lands to which this sum might be applied, the amount will be made subject to the order of the president of the college to be used as he shall deem best.

Respectfully,

THE NORMAL PARK ASSOCIATION,  
ROBERT M. REINHOLD, Secretary.

Ypsilanti, July 28, 1906.

## CENTRAL MICHIGAN NORMAL SCHOOL.

March 31, 1905, the Board authorized its architect, Mr. E. W. Arnold, to make plans for the heating plant at Mt. Pleasant. These were received. In accordance with the appropriation, on June 17, 1905, the contract for the building for the heating plant was awarded Cole Bros. of Mt. Pleasant for \$8,201.00 and on July 10, 1905, the contract for erecting the heating plant was awarded the Eureka Heating and Ventilating Co. at \$9,431.00. July 31, 1905, the contract for installing the lighting plant was awarded the Herman Construction Company for \$2,916.05. As stated in the biennial report of the principal, this plant was installed in October, 1905, and is working in a very satisfactory manner.

The rapid growth of the normal at Mt. Pleasant made necessary the purchase of additional land for the campus. In accordance with the appropriation made by the Legislature of 1905, and a gift of \$5,000.00 by the citizens of Mt. Pleasant, two blocks adjoining the campus have been purchased.

## NORTHERN STATE NORMAL SCHOOL.

The act providing for the maintenance of the normal school at Marquette for the fiscal years of 1906 and 1907 made a special appropriation for the erection of a north wing to the Peter White Hall of Science. At the meeting of December 26, 1906, bids within North wing. the limit of the available amount were received for constructing the same and the contract was awarded to O. R. Johnson & Co. for \$11,779.00.

December 16, 1905, the south wing of the Northern Normal was destroyed by fire, together with the contents. Mr. L. L. Wright immediately went to Marquette to investigate the conditions there and made a report to the Board at once. Fire at  
Marquette.

The State Board of Education, through its Secretary, made formal request of the Board of State Auditors for sufficient funds to enable the south wing to be rebuilt and re-equipped. Provision  
for funds. The following resolution was passed January 31, 1906, providing such funds:

Resolved by the Governor and the Board of State Auditors acting under authority of sections two thousand two hundred thirty-eight to two thousand two hundred forty-two of the Compiled Laws of eighteen hundred ninety-seven, that the State Board of Education be, and is hereby authorized to rebuild, repair, and replace south wing of Northern State Normal School at Marquette destroyed by fire December 16, 1905, and other property belonging thereto as follows:

For rebuilding south wing .....	\$39,584 00
For taking down walls of ruins and clearing debris.....	1,500 00
For replacing furniture, books, pictures, etc.....	10,000 00
For repairing library .....	2,000 00
Total .....	<u>\$53,084 00</u>

Constituting Board of  
State Auditors of the  
State of Michigan:

FRED M. WARNER,  
Governor of the State of Michigan.  
G. A. PRESCOTT,  
Secretary of State.  
F. P. GLAZIER,  
State Treasurer.  
WILLIAM H. ROSE,  
Commissioner of the State Land Office.

Adopted January 31, 1906.

Plans and specifications were made by the architect and bids upon the same were received, but as all bids exceeded the amount of available funds they were rejected. The Board then made a request for a larger amount of money to be used for rebuilding and May 16, 1906, the following resolution was passed providing further for the rebuilding and re-equipment:

Resolved by the Governor and Board of State Auditors that the resolution adopted by the Governor and the Board of State Auditors on January 31, 1906, authorizing the State Board of Education to rebuild the south wing of the North-

ern State Normal School at Marquette, Michigan, be amended so as to authorize the State Board of Education to expend for rebuilding said south wing the sum of forty-nine thousand one hundred twenty-two dollars and fifteen cents (\$49,122.15) instead of thirty-nine thousand five hundred eighty-four dollars (\$39,584.00).

Constituting Board of  
State Auditors of the  
State of Michigan:

FRED M. WARNER,  
Governor of the State of Michigan.  
G. A. PRESCOTT,  
Secretary of State.  
F. P. GLAZIER,  
State Treasurer.  
WILLIAM H. ROSE,  
Commissioner of the State Land Office.

April 26, 1906, the contract for rebuilding the south wing of the Peter White Hall of Science was awarded the Northern Construction Co. of Milwaukee for \$40,700.00, and the contract for heating and plumbing to the Lake Superior Steam Heating Co. of Ishpeming for \$6,083.00. These contracts were signed at the Board meeting May 26, 1906. The south wing has been rebuilt and re-equipped and will be used for school purposes about January 1, 1907. (See report of the principal for more detailed description of this building.)

### WESTERN STATE NORMAL SCHOOL.

Although the Western State Normal School was established by an act of the Legislature of 1903, the building for which it provided was not dedicated until November 23, 1905, and the year 1905-6 marks the first year of work in the new building and the second as an institution. The results have been most satisfactory.

At the Board meeting of January 27, 1905, Principal D. B. Waldo was authorized to arrange for the assistance of the Kalamazoo board of education for training school work, and to engage teachers from the city schools to act as critic teachers, thus affiliating the normal with the public schools of the city of Kalamazoo.

New departments have been created from time to time and new members added to the faculty. At the meeting of March 31, 1905, normal school extension was adopted for the Western State Normal School. This enables teachers of recognized ability and of sufficient experience in teaching to do non-resident normal work and receive credit on the same.

Plans and specifications have been authorized for erecting the new building for the library, gymnasium, and assembly room provided for by the last Legislature, and funds for which are now available. It is expected that this will be completed before the beginning of the next academic year.



## NORMAL SCHOOL SYSTEM.

The course of study as adopted for the several normals, as now in force, is as follows:

## I.

Resolved by the State Board of Education, That substantial uniformity and reciprocity in the courses of study of the State Normal College and the State normal schools now existing and which may hereafter be established in the State, shall be maintained so that the transfer of students **Course of** from one school to another shall not lead to loss of standing for **study.** similar courses; and that the said Board of Education shall, upon the completion by any student of any specified course of study in any of the above named institutions, and upon the recommendation of the president or principal and a majority of the heads of departments thereof, grant to such student a certificate containing a list of studies included in said course, and said course shall be uniform in all the above named institutions, which certificate shall be signed by the said Board and president, or principal, and shall entitle the holder to teach in any of the schools of the State for which said course has been provided, as follows:

First. Upon the completion by any student of a course of study containing such academic and professional branches of instruction as the State Board of Education may deem necessary for successful teaching in the rural schools of the State, said Board shall, upon recommendation as aforesaid, issue a certificate known as the rural school certificate, valid for three years, authorizing the holder to teach in any district of this State employing not to exceed two teachers: Provided, That the said rural school certificate may be once renewed for a like period upon satisfactory evidence to the granting power of successful experience in teaching.

Second. Upon the completion of one year of forty-two weeks of professional study beyond graduation from the high school department of a twelve years' public school system, said professional course containing such subjects as the State Board of Education shall prescribe, said Board shall, upon recommendation as aforesaid, grant a certificate known as the graded school certificate, valid throughout the State for three years in grades below the tenth year of school. This certificate is renewable once only for a period of three years upon satisfactory evidence to the granting power of successful experience in teaching.

Third. Upon the completion of a two years' course of study beyond graduation from the high school department of a twelve years' public school system, said professional course containing such subjects as the State Board of Education shall prescribe, said Board shall upon recommendation as aforesaid, grant a diploma and certificate valid for life in any of the public schools of the State.

## II.

In addition to the foregoing courses, which are provided for all the normal schools of the State, the State Board of Education hereby provides for advanced courses of study in the Michigan State Normal College, and upon the completion of any of said advanced courses by any student, said Board shall grant diplomas, certificates and degrees as follows:

First. Upon the completion by any student of an advanced professional course of study in the State Normal College of one year beyond the life certificate course, said course to include such branches of study and training as the State Board of Education shall prescribe, the said Board of Education shall, upon the recommendation of the president and a majority of the heads of departments, issue to such student a diploma and a life certificate valid in all the public schools of the State, and confer upon him the degree of bachelor of pedagogics. In the

application of this ruling, persons holding the A. B. degree from reputable colleges shall be deemed equal to those holding life certificates from the State Normal College, or any of the State normal schools.

Second. Upon the completion by any student of a one year professional course beyond that required for the degree of bachelor of pedagogics, as outlined above, said course containing such branches of study as the State Board of Education shall prescribe, the said State Board of Education shall, on recommendation of the president and a majority of the heads of departments, issue to such student a diploma and confer upon him the degree of bachelor of arts.

### III.

Resolved by the State Board of Education, That the uniform rural school course of study used in the various normal schools of Michigan shall consist of the following studies, as herein specified:

English Grammar, Composition and Literature for the	
Grades .....	36 weeks
History of the United States (with methods).....	24 "
Reading and Orthoepey (with methods of teaching primary	
reading) .....	24 "
Geography (with methods).....	24 "
Arithmetic (with methods).....	24 "
Elementary Algebra .....	24 "
General History .....	24 "
Elementary Physics .....	24 "
Observation and Teaching in Training School.....	24 "
Botany .....	12 "
Elementary Agriculture .....	12 "
Civil Government .....	12 "
School Management .....	12 "
Psychology .....	12 "
Physiology .....	12 "
Music .....	12 "
Drawing .....	12 "
Penmanship .....	12 "
Physical Training (without credit).....	36 "

- NOTES. 1. Teachers of experience in rural school work may receive credit on the above course in accordance with such experience.
2. Pupils who have taken any of the above subjects in high schools may receive credit for the subjects so taken.
3. The course (without credits) will require two years and one term (seven terms of twelve weeks each); or two years and two summer terms (summer terms six weeks each). The greatest amount of credit possible will reduce it to one year,—that is, three terms of twelve weeks each.
4. Persons completing the course will receive a certificate valid for three years anywhere in the State in schools employing not more than two teachers. This certificate is renewable once for three years.
5. The normal schools desire to help those who need to prepare for second and third grade certificates. Classes in the necessary subjects are in progress every quarter.
6. Students wishing manual training will be allowed to take it in place of some one of the prescribed subjects, under direction of the president or principal of the school.

### IV.

Resolved by the State Board of Education, That the uniform course of study required in the normal schools of Michigan for a graded school certificate shall consist of the following subjects, as herein specified:

Psychology .....	24 weeks
General Method .....	12 "
Teachers' Courses—required .....	48 "
Teachers' Courses—elective .....	36 "
Two Electives .....	24 "
Observation and Teaching .....	24 "
Physical Training (without credit).....	36 "

Under some circumstances another elective may be taken in place of twelve weeks of teaching.

## V.

Resolved by the State Board of Education, That the uniform course for life certificates arranged for the normal schools of Michigan shall consist of the following subjects, as herein specified:

Psychology .....	24 weeks
General Method .....	12 "
History of Education .....	12 "
Teachers' Courses .....	96 "
Observation and Teaching .....	24 "
Electives .....	120 "
Physical Training (without credit).....	48 "

- NOTES. 1. Holders of limited State certificates will not be allowed credit for the two extra electives taken in the one year professional course, but must complete thirty-six weeks of work to secure the life certificate.
2. Specializing students take but six teachers' courses.

## VI.

Resolved by the State Board of Education, That the three year course of study provided for the Michigan State Normal College, as requisite for the degree bachelor of pedagogics, consist of the following subjects, as herein specified:

Psychology .....	24 weeks
General Method .....	12 "
History of Education .....	12 "
Teachers' Courses .....	96 "
Observation and Teaching .....	24 "
Electives .....	264 "
Physical Training (without credit).....	48 "

Resolved by the State Board of Education, That the four years' course of study leading to the degree of bachelor of arts in the Michigan State Normal College shall consist of all the courses heretofore specified for the degree of bachelor of pedagogics, and 144 weeks of electives from college subjects, selected by the heads of departments from their various courses as laid down in the year book of the college.

January 27, 1905, the Board instructed the Secretary to appoint visitors to the several normal schools. He afterwards appointed the following:

Michigan State Normal College:

C. E. Bement,  
A. J. Voland,  
Edwin Denby.

**Central Michigan Normal School:**

W. C. Martindale,  
J. L. Wagner,  
E. C. Warriner.

**Northern State Normal School:**

Perry F. Powers,  
T. A. Conlon,  
H. E. Kratz.

A detailed report is found elsewhere in this book.

The Board wishes to call special attention to the improvements which have been made in the way of grading the grounds, constructing walks and drives, and the general ornamentation of the school premises at the normals. Olmsted Bros. of Brookline, Mass., and O. C. Simonds & Co. of Chicago have assisted in planning this work and other landscape architects will aid in the work at Marquette. The Board believes this improvement in the general exterior signifies the necessary movement which co-ordinates the improved interior conditions.

**Ornamentation of grounds.** Contracts for furnishing best quality of Pocahontas coal were awarded the lowest bidders, as follows:

**1905-6.**

Michigan State Normal College. A. Y. Malcomson at \$3.50 per ton.  
Central Michigan Normal School. A. Y. Malcomson at \$3.70 per ton.  
Northern State Normal School. F. B. Spear & Sons at \$3.65 per ton.  
Western State Normal School. M. O. Dewey Co. at \$3.65 per ton.

**1906-7.**

Michigan State Normal College. M. O. Dewey Co. at \$3.40 per ton, less 10 cents per ton on shipments prior to September 1.

Central Michigan Normal School. M. O. Dewey Co. at \$3.90 per ton, less 10 cents per ton on shipments prior to September 1.

Northern State Normal School. Consolidated Fuel & Lumber Co. and F. B. Spear & Sons. To each one-half order at \$4.25 per ton.

Western State Normal School. M. O. Dewey Co. at \$3.85 per ton, less 10 cents per ton on shipments prior to September 1.

## MISCELLANEOUS.

The law requires that college life certificates shall be voted graduates of reputable Michigan colleges having approved courses in pedagogics when they shall have taught successfully for three years. The question has often arisen as to what constitutes a year <sup>A year of</sup> of teaching. At the meeting of October 27, 1905, it was voted <sup>teaching.</sup> that eight months shall, for this purpose, be considered a year's work, or twenty-four months of teaching shall be requisite for obtaining this certificate.

March 30, 1906, the matter of granting life certificates to graduates of Wisconsin normals whose experience in teaching does not entitle them to life certificates in Wisconsin was referred to the normal executive council. At the next meeting (April 26) <sup>Indorsement of Wis. normals.</sup> it was voted "to allow graduates of the life certificate courses of the Wisconsin state normal schools to enter the Northern Normal with sufficient credit to entitle them to graduation from that institution upon completion of residence work equivalent to one regular quarter, upon recommendation of a majority of the heads of departments of the Northern Normal."

On March 30, 1906, at the request of President J. L. Snyder, the matter of granting life certificates to graduates of the women's <sup>College</sup> four-year course at the Michigan Agricultural College <sup>certificates at M. A. C.</sup> was considered. The subject was referred to President W. J. McKone and the Secretary for the purpose of examining the course of study and they were given power to act.

May 26, 1906, the committee reported favorably on the course of study and that President Snyder had been notified that hereafter women graduates of Michigan Agricultural College in the four-year course will be treated as graduates of other approved colleges. The Board approved this action of the committee.

The number of certificates granted during the past two years is as follows:

## UPON EXAMINATION.

State life certificates .....	14
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## FROM STATE NORMAL SCHOOLS.

Normal life certificates .....	766
Graded school certificates .....	268
Rural school certificates .....	166
Renewals .....	123

## STATE OF MICHIGAN.

## SPECIAL CERTIFICATES.

College certificates .....	175
College life certificates .....	54
Certificates indorsed from other states.....	33
	<hr/>
Total.....	1,599

## DEGREES CONFERRED.

A. B. ....	4
B. Pd. ....	56
M. Pd. ....	6
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Total.....	66

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REPORTS OF BOARDS OF VISITORS.

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MICHIGAN STATE NORMAL COLLEGE.

*Hon. Patrick H. Kelley,  
Superintendent of Public Instruction,  
Lansing, Mich.:*

Dear Sir—The committee appointed by you to visit the State Normal College at Ypsilanti, have to make the following report:

The report of the physical condition of the building has been transmitted to you as made by Hon. Edw. Denby of Detroit.

Your committee was shown through the institution by President Jones, on the first day of their visit, and given a general idea of the work and conditions. Two things impressed us; one was the earnest attitude of the students toward their work and the other was the earnest attitude of the instructors toward their students. Although it would be impossible during so brief a stay to pass judgment on individuals or individual methods, it is legitimate to express our opinion in regard to the general tone of the institution. In English, in geometry, in pedagogy, and in mathematics, some of the subjects which your committee listened to, the interest seemed to be most thorough and the attitude of the class was that of close attention and desire to grasp the subject. It would seem as though, with the kind of preparation these young people are getting in the primary subjects of education, their influence must be very powerful in the interest of thorough work in the schools of the State.

The second day your committee spent in the training school and was still more impressed with the spirit of earnestness shown by the young trial teachers and by the knowledge of their needs as shown by the training teachers.

The Department is aware of the impression some of the buildings made on your committee, through Mr. Denby's report. We wish to add further that the main building, in the matter of ventilation and dark corridors, cries aloud for something to be done. We were particularly struck with the absolute inadequacy of the library quarters. Here if anywhere, students are in the way of being directed along the paths of right reading and nothing can be more important than to bring them in contact with good books under the eyes of capable instructors. The capable instructors are there, but the facilities in the way of room and ventilation are woefully lacking. It seems to your committee as though there were no greater need in this institution than a new library building, adequate to do the necessary work from a physical standpoint, and a more liberal equipment of books to do it from a literary standpoint.

CLARENCE E. BEMENT,  
A. J. VOLLAND.

Lansing, Mich., Nov. 8, 1905.

## CENTRAL MICHIGAN NORMAL SCHOOL.

Detroit, Mich., Oct. 18, 1905.

*Hon. P. H. Kelley,*  
*Superintendent of Public Instruction,*  
*Lansing, Mich.:*

Dear Sir—The committee appointed to visit the State normal at Mt. Pleasant begs leave to submit herewith the following report of a visit to the institution named on May 18-19, 1905.

The three members of the committee visited the school at the same time, the faculty having known the date on which the committee were to be in the city. They were most cordially received by Principal C. T. Grawn and other teachers, and were made welcome in all of the classes and departments. The greater part of the two days was spent in inspecting the buildings, grounds, class work, and general management of the school.

Your committee visited eighteen classes, the largest having between fifteen and twenty pupils and the smallest between six and eight. Classes visited were reciting in botany, grammar, arithmetic, algebra, pedagogy, geography, reading, drawing, United States history, and manual training, and with perhaps a few exceptions, were doing good work.

At the exercises in the chapel, where those of the students who wish assemble each morning, we found the students orderly and well disciplined. The music, under the direction of Professor H. C. Maybee, was spirited and excellent. Many of the students were brought to the present state of perfection in this branch in a comparatively short time.

The grounds are well kept, the rooms are clean and show excellent janitor service. The hall is quite dark and narrow and the laboratory is small, but these things will be remedied when the new building, for which the State so liberally made appropriation this year, is completed.

The building for the training school is certainly a model one. The rooms are light and cheerful, the furniture first class and modern, the wall decorations and pictures are pleasing. Good work is being done in training teachers for service after they leave the institution.

Your committee suggests that the work in manual training be strengthened, and that there be made a closer application of psychology to class-room work.

Respectfully submitted,

W. C. MARTINDALE,  
J. L. WAGNER,  
E. C. WARRINER.

## NORTHERN STATE NORMAL SCHOOL.

Cadillac, Mich., Sept. 29, 1905.

*Hon. P. H. Kelley,*  
*Superintendent of Public Instruction,*  
*Lansing, Mich.:*

Dear Sir—My visit to the Northern Normal School July 5, 6, and 7, was not announced or known of in advance and I found it, therefore, following the usual routine of its summer session.

I visited a number of classes, representing several departments, and so far as possible took note of the methods of instruction utilized in each department and throughout the school. The teachers seemed to be well equipped for the work expected of them and to have it well in mind that they were giving instruction which might be reproduced in the work of their pupils in manner and method as well as through the information they were seeking to convey.

The principal of the institution, Prof. James H. Kaye, appears to have a clear conception of the service to the State the Northern Normal School was established to provide, and the energy and force of the institution as a whole is evidently directed towards the performance of this service. For the work in hand, for the accomplishment that would be expected of them, individually and as a faculty, and for the general success of the institution, the teachers at the Northern Normal School seemed to possess and exhibit an unusual degree of enthusiasm and co-operative interest. So far as I could observe and ascertain there was an entire absence of contention and division and of the jealousies which sometimes exist in public institutions.

On the part of the students there also seemed to exist a spirit of appreciation and earnest application. I was told that very little or no effort was required to maintain the satisfactory degree of discipline insisted upon, and that the aggressive loyalty so characteristic of the section of the State in which the school is located was exhibited by the students in all their relations to the institution.

The training school department of the Northern Normal appears to be in charge of a superintendent practically trained and well equipped for the definite and peculiar work of that department. The training school was not in session on the occasion of my visit to the normal but an inspection of the list of teachers who will supervise and criticise the work of the student teachers, makes it evident that preparation and especial fitness for training school work directed their selection. I am convinced that the value and importance of superior training school work are recognized by those connected with this work at the Northern Normal.

The Northern Normal School is fortunate in its location. There is an aggressive sympathy for its purpose and a willingness to assist in the attainment at Marquette which have created an atmosphere very

helpful and encouraging to the school. There seems to exist throughout the entire Upper Peninsula a degree of faith in its management and favor for its advancement which will do much towards satisfactorily solving whatever problems touching its progress may now exist or in the future may arise.

The library contains about 12,000 volumes, most of them selected with especial reference to the needs of the students and teachers of a normal school. The library equipment and management are modern and applicable to the institution.

The grounds and buildings appeared to be well cared for, and through the use of high class engravings, photographs, statuary, and flowers, appeals to the eyes and minds of students and visitors are made at the Northern Normal, which create a favorable impression and assist in all the better purposes for which the institution was established.

Respectfully yours,

PERRY F. POWERS.

Marquette, Mich., July 29, 1905.

*Hon. P. H. Kelley,  
Superintendent of Public Instruction,  
Lansing, Mich.:*

Dear Sir—It was my pleasure to visit the Northern State Normal School July 27 and 29 and to make a careful inspection of the school on its educational side. My conclusions are based not simply on this last visit but also on knowledge gained from several earlier visits.

The total enrollment of students for the school year ending June, 1905, was three hundred fifty-six. This represented an increase of seventy-two over that of the preceding year. An increase of twenty-five per cent a year is a fine showing and demonstrates that the normal school under Principal Kay's administration is furnishing the educational advantages which the Upper Peninsula teachers need. The present large attendance at the summer school indicates the same high appreciation, particularly because it is made up largely of teachers who have taught some years and realize the need of more rapid growth.

The rapidly increasing attendance and the need of organizing additional classes in subjects already placed in the curriculum, as well as forming classes in such new subjects as physical training, Latin, sewing, etc., will require several additional instructors to be added to the faculty immediately. Provision has been made for some of these instructors and they will soon be secured, but more instructors are still needed. Quite a number of the schools of the Upper Peninsula are already teaching sewing to the girls and simple forms of manual training to the boys which require but little apparatus or few tools. Physical training in such a severe climate is a necessity. Our teachers should be trained in the normal school to teach all these subjects and instructors should be provided for that purpose.

It is well known that the faculty of an educational institution is the most important, the most vital factor, in attaining educational efficiency. In this respect the Northern State Normal School is ex-

ceptionally fortunate. Its faculty is uniformly made up of men and women of high intellectual attainments, of broad scholarship, of exceptional teaching power, of strong and attractive personalities, and of high moral qualities. They are actuated by worthy motives, high ideals, and a deep consecration to the responsible work of teaching.

It is a delight to see them at work and to catch their spirit of genuine enthusiasm and devotion to their work. They have been able to inspire the entire student body with the same earnest, sincere, and enthusiastic spirit. A most cordial and enthusiastic spirit of co-operation permeates the entire faculty. The *esprit de corps* is remarkable and worthy of the highest commendation.

With this rapidly increasing attendance it can be readily inferred that rapid expansion in room is needed. The chapel is already overcrowded and relief must soon be had. Additional class rooms should be provided at once. Some relief will be realized when the second cloister is added, appropriation for which was made by the legislature in June. It is to be regretted, however, that nothing has been done as yet towards erecting this addition. Unless ground be broken at once the normal school will not have these much needed class rooms for expansion before another year has elapsed.

The normal school is well equipped for such a young institution in laboratories and in its library. The laboratories contain the best of apparatus and the 12,000 volumes in the library are well selected, cataloged, and utilized.

The rooms are richly furnished throughout with statuary and pictures which diffuse an inspiring and uplifting atmosphere. Not only do works of art indoors delight the eye, but the views outdoors are equally charming and inspiring. Altogether the equipment and surroundings are ideal.

Principal Kaye and his co-workers in the normal school are carefully and intelligently studying the educational needs of the Upper Peninsula. They are coming into close touch with the superintendents, principals, and teachers in this region. It is recognized that they are working in class room and practice school to so train the teachers in underlying principles and right methods, that when they enter a system of schools they can intelligently adapt themselves to the needs of that particular system.

We know that we voice the general sentiment of this region when we say that the work of Principal Kaye and his faculty is highly satisfactory to and deeply appreciated by the people of the Upper Peninsula. The only thing that is needed to insure its further rapid growth and success is that the State legislature will give the Northern State Normal School that liberal support which its important interests deserve.

Respectfully yours,

H. E. KRATZ.

Detroit, Aug. 14, 1905.

*Hon. P. H. Kelley,  
Superintendent of Public Instruction,  
Lansing, Mich.:*

My Dear Sir—In accordance with your request, I write you concerning my visit to the Northern Normal School as a member of the State examining committee.

The Northern Normal School is very pleasantly located upon a bluff, on the northern edge of the city of Marquette, the campus overlooking Lake Superior affording a beautiful view from the buildings. The grounds are undergoing many changes, and will be in the course of time very pretty.

A person is favorably impressed on entering the rooms, which are especially well lighted, roomy excepting the assembly room which is too small, and have well selected pictures upon the walls.

The laboratories are well arranged, fairly well equipped with suitable apparatus for illustrating the work and making it practical for the students; and when the new apparatus which is now arranged for is put in, the laboratories will be in first class working order.

For a new institution the school has a very excellent library of about 12,000 volumes for the use of students.

The Principal, James H. Kaye, impresses one as a man who is sincerely interested in his work, and is courteous and kind to everybody.

Mr. Kaye's many years of successful experience in superintending public schools in Michigan has fitted him for the place which he now holds and has given him a special knowledge of the requirements and needs of the public schools. Mr. Kaye is a man without fads or frills and believes in treating all departments of the school alike and the appropriation is distributed to the needs of each department, and the money furnished for the school is certainly well expended. One of the things which most impresses a person visiting the Northern Normal is the perfect harmony existing between Principal Kaye and the other members of the faculty, all of whom speak in highest terms of Mr. Kaye and of the practical work which is being done by the school. For a small school and a school no older than the Northern Normal the school has a faculty of especially well prepared and trained teachers of broad scholarship who are doing much thorough, practical work, and who would be a credit to a much older and larger school. In fact, it is a well balanced faculty. The students in this school have the advantage of the training and teaching of the heads of departments which is not true in larger educational institutions, and more can be done for the student in this school in personal and individual work during the first few years than in a college or university, and the grade of work in this school is just as good. The training school seems to be no exception to the other departments and is doing thorough, practical work and affording the children who are fortunate enough to have the privilege of attending such school opportunities which they could not get in other places, and at the same time the graduates of the school have the opportunity of seeing the teaching done by thoroughly trained critic teachers, better enabling the students to teach in a practical

way. When the new addition is completed, departments in Latin and domestic science will be started which will give the students additional courses and which are necessary to the thoroughly prepared graduate.

A gymnasium will also be started when this addition is completed and this will be a means of attracting young men to attend the normal, as the ordinary young man of today is very much interested in athletics, which if carried on properly, are beneficial to the student and have a good influence upon the school.

The attendance is increasing in the Northern Normal about twenty-five per cent a year which is certainly a good indication, and the attendance at the summer school reached 265. Marquette with its many beautiful surroundings and attractions, its clear atmosphere, cool climate in summer is certainly a very desirable location for a summer normal and should have a special attraction for students and teachers in summer.

The present heating plant will be inefficient to heat the buildings when the new addition is completed, for I am informed that it is difficult now to keep all the rooms properly heated during the coldest weather. When a new heating plant is put in, it should be in a separate building and detached from the main buildings. If the dormitory, in connection with the Northern Normal, was owned by the State it would solve many perplexing questions which now confront the faculty.

The Upper Peninsula, as well as the State, should feel proud of the Northern Normal and should stand by the school loyally, giving it the support which it deserves, for the school really belongs to the Upper Peninsula, and fills a long felt want, and I believe it will be found in every way up to the requirements and high standard expected of the institution.

Yours very truly,

T. A. CONLON.





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REPORTS OF PRINCIPALS.

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# MICHIGAN STATE NORMAL COLLEGE.

YPSILANTI.

## REPORT OF THE PRESIDENT.

*To the Honorable, the State Board of Education:*

GENTLEMEN—I have the honor herewith to transmit to you the official report of the president of the Michigan State Normal College for the biennial period ending June 30, 1906.

The period covered by this report has been one of very marked prosperity to the institution, both in the general progress of the work and in the increase of numbers during this time.

The institution has now upon its campus six buildings:

First. What is known as the main building, containing the general offices, the assembly hall, the library, and a large number of class rooms.

Second. The science building, which contains the laboratories and class rooms devoted to the work in physics, chemistry, astronomy, zoology, geology, and physiology. We have succeeded in one way and another in equipping, in a moderate way, this entire building, and we find it not only commodious, but well adapted to the work for which it was provided.

Third. The gymnasium. This building is fairly well equipped for the teaching and practice of those health giving exercises which are now considered a part of every well regulated school system. The building is divided lengthwise by a brick partition. One side of the building is devoted to the class work of the young women of the school, and the other side to that of the young men. An accomplished director is in charge of each side.

Fourth. The training school building. This is a fairly modern, meagerly equipped building of twelve rooms, containing the office of the superintendent of the training school and a small rest room for the lady teachers in the building. In it is housed the kindergarten and first eight grades of the training school,—the two grades of the high school finding their home in the main building on account of lack of room in the training school building. The basement of this building is occupied by the departments of domestic economy and manual training, which, however, in their cramped quarters are but poorly equipped.

Fifth. The conservatory building occupied entirely by the conservatory of music, most of the classes of which, however, are constituent parts of the normal college work.

Sixth. Starkweather Hall, a small building given to the institution

Edna Jackson, Assistant in Natural Science Laboratory.  
 S. Edith King, Assistant in Natural Science Laboratory.  
 W. Glen Lewis, Assistant in Natural Science Laboratory.  
 Bernice Sargent, Assistant in Mathematics.  
 Irene O. Clark, Assistant in Physical Training.  
 Effie Deam, Assistant in English (fall quarter).  
 Chas. C. Colby, Assistant in Geography (fall quarter).  
 Frank Jensen, Assistant in Mathematics.  
 C. D. Carpenter, Assistant in Physical Science Laboratory (fall quarter).  
 Jessie Lee, Assistant in Latin and Greek.

## FACULTY OF THE TRAINING SCHOOL.

Dimon H. Roberts, A. M., Superintendent.  
 Margaret E. Wise, Critic Teacher, First Grade.  
 Hester P. Stowe, Kindergartner.  
 Adella Jackson, Critic Teacher, Second Grade.  
 Abigail Roe, Critic Teacher, Sixth Grade.  
 Clyde E. Foster, Supervisor of Music.  
 Abigail Lynch, Critic Teacher, Third Grade.  
 Mary M. Steagall, Ed. B., Ph. B., Critic Teacher, Ninth and Tenth Grades.  
 Bertha Goodison, Supervisor of Drawing.  
 Alice I. Boardman, Supervisor of Manual Training.  
 Ella M. Wilson, Critic Teacher, Fifth Grade.  
 Inez M. Clark, Supervisor of Physical Training.  
 Edna T. Cook, B. S., Critic Teacher, Eighth Grade.  
 Lydia L. Herrick, Assistant Kindergartner.  
 Elizabeth B. McLellan, Critic Teacher, Fourth Grade.  
 Helene Kneip, Assistant Kindergartner.  
 Emelyn E. Gardner, A. B., Critic Teacher, Seventh Grade.  
 Grace Fuller, Supervisor of Domestic Science and Art.  
 Edna Barlow, Assistant in Manual Training.  
 Sadie Godard, Assistant in Domestic Science and Art.  
 L. Elta Loomis, Assistant in Physical Training.

## LIBRARY.

Genevieve M. Walton, Librarian.  
 Alice Barnes, Assistant.  
 Elsie V. Andrews, Assistant.  
 Guy Smith, Assistant.  
 Edna J. O'Dell, Assistant.

## OFFICE.

Frances L. Stewart, Clerk.  
 Agnes Morse, Stenographer.  
 Katherine B. Joslyn, Stenographer.  
 Anna M. Yorks, Stenographer.

## SUPERINTENDENT OF BUILDINGS AND GROUNDS.

John W. Stevens.

## COURSES OF STUDY.

The following courses of study are in active operation at the present time:

The rural school course.

Until very recently the institution has not attempted, in any direct way, to influence the rural schools of this part of the State; but we are now making active efforts to come into close touch with these schools by offering all teachers desiring it a brief course suited to the wants of teachers for the rural schools. This course covers the review of the common branches, with studies in methods of teaching, together with brief courses in general method and psychology. These students have the advantage of the training school work. They are allowed to observe and to take part in the teaching there. The course covers a period of two and one-third years for pupils who are graduates of the eighth grade of the public schools in the State. Pupils who have had work in a high school may shorten this period somewhat by credits given for work done there. The certificate given for completion of the rural school course is good in any of the schools of not more than two rooms in the State, for three years, and is renewable for three years on condition of successful teaching.

The limited graded school course.

This course consists of a professional study of the common school branches, of psychology and general method followed by practice in the training school. This is open to high school graduates, requiring one college year and one summer school for completion. The certificate given to persons who take this course is valid in any school in the State below the tenth grade, for three years, subject to renewal on condition of successful teaching.

The two years' life certificate course.

This is a strong, professional course, covering the common branches and a large number of high school subjects. It is open to high school graduates, requires two full years of resident college work for its completion. It is the course to which the larger number of students in this institution turn their attention, and from it go out a large number of successful teachers in common and high schools. On completion of this course, students are entitled to a diploma and a life certificate valid in any of the schools of the State.

For three years of professional study and training above high school graduation this institution gives the degree of Bachelor of Pedagogy. This course is intended for those persons who look forward to supervising in primary schools or the small city systems throughout the State.

Highest of all the courses is that for which the institution gives the degree of Bachelor of Arts in education. This requires four years of resident college work beyond high school graduation. The institution does not urge large numbers to take this course, but a few persons who show unusual ability in organization and executive work are urged to prepare themselves for the more important positions opening for them in the public schools of the State.

## THE SPECIAL NEEDS OF THE INSTITUTION.

The institution has imperative needs of additional building accommodations and an increase in the number of persons in its faculty.

First. Increase in members of faculty.

With reference to this I would say that, in an institution of this kind where every act of teaching is looked upon by the students as setting a standard for their own work in the future, classes should be small enough so that the teachers can successfully illustrate the theory which they teach. Unfortunately, the provision for salaries in the past has been so meager that we have been unable to employ as many teachers as are needed. The Legislature should make provision for an increase to the teaching staff of at least twelve or fifteen persons.

Second. Additional buildings.

I have before mentioned that the training school is housed in a building entirely inadequate to its needs. The number of students has grown so rapidly that we have failed to keep pace in this department with the enormous demands made upon us for practice teaching. We need at least two or three rooms in addition to those now in use in order that each student may receive that attention in the practical working out of these theories which will make sure his highest success in later years. To this end I recommend the erection of an addition to the present building, making provision for two class rooms; one large room to be devoted to domestic science and art, and one other to manual training, thus removing these departments from their cramped quarters in the basement room.

I advise the erection of a large building to contain an auditorium capable of seating twenty-five hundred people, and other rooms around this auditorium for the classes in the conservatory of music. We are now badly handicapped in having no room in which the students can be convened for general instruction, devotional exercises, and lectures. Such a room is imperatively required in the proper administration of any large institution of learning, and particularly so where the students are thus learning how to manage large bodies of students in the school systems. There are many things which can be taught to students only under the influence of that united fellowship which comes from seeing the entire school together in one body.

Such an auditorium would simplify administration greatly by developing a sense of unity and responsibility among the students and increasing their love for the institution as a whole.

## SUMMER SCHOOL.

The State Normal College sustains a six weeks' summer school term, which is partly related to the work of the regular year and partly independent.

In the former relation it carries studies so that regular students may complete half as much work in the six weeks of the summer term as they would do in the regular term of twelve weeks, by carrying two subjects (instead of four) and reciting twice each day in each subject. Many students take advantage of this arrangement and so are able to teach a part of the two years, and yet receive their life certificate in time to teach at the beginning of the following year.

But the general work of the summer school must always be for teachers who are actively engaged in teaching during the academic year and who need to review their work and to study methods or to receive enthusiasm from contact with other teachers and with instructors in the institution. The institution is now making itself largely felt in the schools of the State by the fact that so many teachers come each year for this reviving touch with the influences of a professional teachers' school.

The rapid increase in attendance in the last few years has well tested both the need for such work and its efficiency as planned here. In the summer school of 1901-2 the attendance was 592. In the summer school closing August 3, 1906, the attendance was 1,425. The unprecedented increase in the last year's attendance is somewhat due to an arrangement made by the Department of Public Instruction to provide work in this institution for the institute classes of Washtenaw and six adjoining counties.

This has proved an entire success. The commissioners of the counties included have been energetic and devoted in the interests of the summer school. Large numbers of their teachers, who would otherwise have spent one week in the county normal institute, have spent six weeks here in very earnest, thorough-going professional study. They have had the best instruction that this institution could give. Where we needed additional instructors persons were selected because of their fitness for this work.

In addition to the regular instruction of their classes they attended two separate lectures each day in which theory and practice of teaching in all its details were carefully mapped out and explained. Each evening of the week a lecture on some educational theme was given by some of the ablest men now on the public platform. Such men as Professor John Dewey of Columbia University, George H. Palmer of Harvard University, Professor Richard T. Wyche of New York City, and Colonel C. H. French of Maine, illustrate the grade of work thus given.

Besides these public lectures, heads of departments in our faculty gave brief discourses in their special work. Altogether it was such a collection of helpful utterances as one rarely finds brought together in one school in a single term.

The successes of the institute in connection with the summer school have been so marked that it leads me to make a suggestion. If all the counties in the State in which there are no county normal classes could make arrangements with the State normals which they could most easily reach and arrangements could be made for the State to defray railroad expenses, the institute work of the State would assume a much more helpful form than it is possible otherwise to give it. Counties quite distant from the normal schools, in this way, would have equal privileges with those near by, and I have no doubt that such an expenditure would be well worth while. Considering the salaries paid to teachers in this State, it is impossible to expect rural school teachers to take much interest in professional preparation where they must spend large amounts of money to reach an institution and maintain themselves while there. The State could well afford to pay their traveling expenses. This would be no new

thing, being done in many of the states of the country. I recommend, also, an appropriation by the State for the special support of these institute sessions of the normal schools of the State.

Allow me to thank the members of the Board of Education for many personal and professional courtesies.

Very sincerely yours,

L. H. JONES,

President.

Ypsilanti, Michigan, Aug. 30, 1906.



## CENTRAL MICHIGAN NORMAL SCHOOL.

MT. PLEASANT.

## REPORT OF THE PRINCIPAL.

*To the Honorable, the State Board of Education:*

GENTLEMEN—I have the honor to submit, herewith, my official report as principal of the Central Michigan Normal School for the biennial period ending June 30, 1906.

## BUILDINGS AND GROUNDS.

The Legislature of 1905 made two special appropriations for buildings and grounds at the Central Michigan Normal.

First. An appropriation of \$25,000 for a central heating and lighting plant which was completed and installed in October, 1905. This plant is equipped with the latest and best apparatus and is working in a most satisfactory manner. It has a capacity sufficient for warming and lighting the main building and the training school, and, with the addition of another boiler to the present battery, will be sufficient to heat two more buildings when they shall have been built.

Second. An appropriation of \$5,000 was made on condition that the city of Mt. Pleasant raise a sufficient amount, which, when added to the \$5,000 appropriated by the State, would complete the purchase of blocks six and seven in the Normal School Addition to the City of Mt. Pleasant. The citizens of Mt. Pleasant almost unanimously voted to bond the city for \$3,000 for this purpose. As a result the State has come into possession of two fine blocks of land containing about four acres each. This addition gives the normal school a campus of something over twenty acres—probably all the land that will ever be needed for the school.

During the summer of 1905, \$2,000 was spent in improvements on the normal school building. The main entrance was remodeled and the corridor on the first floor enlarged by the removal of two small class rooms and a wardrobe. This improvement adds greatly to the convenience and appearance of the building.

The estimated value of the buildings and grounds is as follows:

Normal school building .....	\$ 85,000
Training school building .....	35,000
Central heating and lighting plant.....	25,000
Grounds .....	25,000
Total .....	<u>\$170,000</u>

The estimated value of the equipment of the buildings, including furniture, apparatus, works of art, office supplies, etc., is \$30,000. This makes the total estimated value of the Central Normal property \$200,000.

#### COURSES OF STUDY.

The Central Normal year book for 1906-7 shows many improvements in the contents and display of the various courses of study offered by the school. The following is a brief description of the courses:

1. The rural school course. This course is designed to prepare teachers for service in the rural schools of the State. To enter the course, students must have passed the eighth grade of a public school course. The studies required cover all common school subjects and some advanced work in English, science, mathematics, and history. Work is also required in psychology and school management. Twenty-four weeks' practice teaching in the training school, under expert criticism, is also required. About seven terms of twelve weeks each are required to complete the course. Graduates from this course are given certificates valid in Michigan for three years in schools employing not more than two teachers.

2. The graded school course. This is a forty-two weeks' course for graduates from approved high schools and is designed especially to prepare teachers for service in the primary and grammar grades of city and village schools. Students having completed the tenth grade of a public school system can complete this course in three years—doing two years of academic work in the normal.

3. The life certificate course. This is a two years' course for high school graduates, or those who have had an equivalent training, and prepares teachers for service in any grade of the State public school system.

4. The kindergarten course. A two years' course for high school or college graduates.

5. The public school music course. Designed to prepare supervisors of music in the public schools of the State.

6. The public school drawing course. This is a two years' course for high school graduates and prepares supervisors of drawing for the public school.

7. The drawing and manual training course. Many demands have been made upon the Central Normal for teachers who can give instruction in both drawing and manual training. This course has been planned to meet demands of this character. Graduation from a good high school, or an equivalent training, is required of those who enter this course. Two years are required for the completion of the course.

Classes in the branches required by law for the various county certificates are on the schedule every term of the year, so that students desiring to prepare for the county examinations can always be accommodated.

#### THE FACULTY.

Great care has been exercised in the selection of members of the faculty of the Central Normal. In filling vacancies and in the selection of new members three qualifications are especially insisted upon—first, scholarly attainments; second, experience and skill in teaching; third, a knowl-

edge of the condition and needs of the public schools of Michigan. As a result of this policy, the Central Normal has a faculty thoroughly qualified in every respect to meet the educational needs of the State.

The policy of the State Board of Education in granting leave of absence to members of the faculty who have served faithfully and efficiently for a term of years, is to be highly commended. A year's study in one of our great American universities, or abroad, serves not only as a means of quickening the mental life of the one who avails himself of the privilege, but also enlarges his sympathies and gives him a broader outlook upon the great problems of public education. It is with pleasure that I report the fact that the heads of nearly all the departments have availed themselves of the privilege so generously afforded by your honorable body.

The following is a list of the members of the faculty as employed for the academic year 1906-7:

#### PRINCIPAL.

Charles T. Grawn, M. A., M. Pd.

#### HEADS OF DEPARTMENTS.

Fred L. Keeler, B. S., Science.  
William Bellis, B. S., B. Pd., Mathematics.  
John Kelley, M. A., B. Pd. Supt. of Training School.  
Lucy A. Sloan, M. S., Literature.  
Elizabeth R. Wightman, Drawing.  
Anna M. Barnard, B. A., Latin and German.  
Charles F. Tambling, B. A., Physiology and Physical Training.  
R. D. Calkins, B. S., Geography.  
Claude S. Larzelere, M. A., History and Civics.  
Eugene C. Rowe, B. A., Psychology and Education.  
Harper C. Maybee, Music.  
H. Grace Parsons, Kindergarten.  
William D. Miller, B. S., Manual Training.  
Ira A. Beddow, Ph. B., Reading and Oratory.

#### INSTRUCTORS.

Rachel Tate, Women's Dean and Instructor in English.  
Mae Woldt, M. S., Botany and Zoology.  
Alice M. Lowden, Music.  
Lillian K. Sabine, B. A., English.  
Orpha E. Worden, B. A., Mathematics.  
Bertha M. Ronan, Physiology and Physical Training.  
Amy M. Burt, M. A., History.  
Homer Derr, B. S., Science and Mathematics.  
Lucile Stone, M. A., Latin and German.  
Deborah Carter, Drawing.  
Jennie M. Sessions, Music.  
Hildegarde M. Grawn, B. A., Latin and German.

## ASSISTANTS.

Clarence Tripp, Geography.  
Alma Vande Walker, English.

## CRITIC TEACHERS.

H. Grace Parsons, Kindergarten.  
Frances Burt, First Grade.  
Emma F. Robertson, B. S., Second Grade.  
Fannie I. Allen, Third Grade.  
Mary L. Neer, Fourth Grade.  
Mary E. Thompson, A. M., B. Pd., Fifth Grade.  
Emma M. Holbrook, B. A., B. Pd., Sixth Grade.  
Minnie I. Termaat, Seventh Grade.  
Julia Martin, Eighth Grade.

## THE LIBRARY.

Minnie L. Converse, B. A., Librarian.  
Elizabeth K. Saxe, Assistant in Library.

## GENERAL OFFICES.

Florence L. Bishop, Secretary.  
Irma L. Slater, Stenographer.

## BUILDINGS AND GROUNDS.

E. E. Willie, Superintendent.  
Henry C. Dunlap, Engineer.  
William R. Bush, Assistant Engineer.  
F. M. Dean, Janitor.  
Alexander Burk, Janitor.  
James Adams, Janitor.  
Mrs. F. M. Dean, Assistant Janitor Training School.

## SUMMARY.

Principal .....	1
Heads of Departments .....	14
Instructors .....	12
Assistants .....	2
Critic Teachers .....	9
Librarians .....	2
Office Force .....	2
Buildings and Grounds .....	7
Total .....	49

## ATTENDANCE.

The attendance of students during the biennial period, July 1, 1904, to July 1, 1906, has been as follows:

July 1, 1904-July 1, 1905.....	642
July 1, 1905-July 1, 1906.....	757

Total .....	1399
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The annual enrollment of children in the training school, not included in the above report, was 350.

The attendance of normal school students during the last two years has been affected adversely by the large number of county normal training classes recently organized in adjacent counties. This result is, however, only temporary as many students will attend the State normal for more advanced work after having completed the courses offered by the county normals.

## GRADUATES.

The number of students granted diplomas and certificates during the two years covered by this report has been as follows:

July 1, 1904-July 1, 1905:

Life certificate course .....	42
Graded school course .....	36
Rural school course .....	57
Kindergarten course .....	1
Music and drawing course .....	1

Total .....	137
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July 1, 1905-July 1, 1906:

Life certificate course .....	40
Graded school course .....	33
Rural school course .....	57
Kindergarten course .....	2
Music course .....	1

Total .....	133
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Practically all of the above graduates are engaged in educational work in this State. The growing popularity of the school is indicated by the fact that, during the last two years, the call for graduates has far exceeded the supply.

## THE LIBRARY.

The library has had a steady and healthy growth during the past two years. Two thousand four hundred and eleven volumes have been added during the period covered by this report, making a total of 8,466 volumes now on the shelves. These books have been selected with special reference to the everyday needs of the school, so that no dead material is on the shelves. In addition to the books, a large number of the leading

literary, psychological, and pedagogical papers and magazines are regularly received. At the end of each year the most valuable papers and magazines are neatly bound and placed on the reference shelves. The library is now in possession of complete files of a large number of the leading periodicals. The Dewey system of classification and the most approved library methods are used. Several Library Bureau stacks of the latest and best construction, holding from 1,200 to 1,500 volumes each, have been added to the library equipment. One hundred dollars' worth of excellent works of art have been placed on the walls, thus greatly adding to the beauty and attractiveness of the reading room. The floors of the reading room and the stack room have been covered with cork carpet, thus reducing the noise caused by the necessary movements of the students and assistants to a minimum. Each term about ten students are selected as assistants in the library and are receiving valuable training in library methods.

#### THE LABORATORIES.

During the period covered by this report, a special effort has been made to build up the laboratories of the school. The physical, chemical and biological laboratories are well equipped for thorough work along the lines of elementary physics, chemistry, botany, and zoology. The geographical and physiological laboratories have been made more efficient by the addition of a large number of maps, charts, models, and other pieces of apparatus for illustrative work. A good start has been made toward the equipment of a psychological laboratory. A generous appropriation for the next biennial period will enable us to equip these important adjuncts of the school in a manner that will compare favorably with any normal school in the country.

#### THE TRAINING SCHOOL.

During the last year, the training school building has been made more comfortable than ever before by the introduction of direct steam heat in all the rooms and corridors. The building has also been equipped with a complete electric lighting system in all the rooms. To make perfect the system of heating and ventilation a special appropriation will be needed for the next fiscal year to introduce steam coils in the place of the furnaces which are now burned out and provide a larger fan to be driven by electric power in order that the school rooms and corridors may be warmed by both the direct and indirect methods and at the same time be supplied with a sufficient volume of pure air.

The training school is the laboratory of the normal school. Here practical application is made of the theories and methods discussed in the department of psychology and pedagogy and in the teachers' professional classes taught by the heads of the normal departments.

A superintendent and a corps of nine thoroughly trained and experienced critic teachers plan, supervise, and criticise the work of the normal students while engaged in the twenty-four weeks of practice teaching required of all students before graduation. The purpose of the normal school is to send out into the State each year a body of young men and women, thoroughly trained, both in an academic and a pedagogical sense

and who have had practical experience in teaching under expert criticism.

The training school is not only a school of practice, but a school of observation as well. To this end a model course of study is followed, free text-books and all necessary appliances are furnished, the most approved school furniture is used, and the walls of the school rooms hung with beautiful works of art. Several lessons are taught each day by the critic teachers and the students allowed to observe the work done by experts under the most favorable conditions. This gives the students in training an ideal which they are encouraged to try to realize in their own teaching.

During the last two years an effort has been made to bring about a closer correlation of the work of the training school with the professional classes in the normal school. The following method has been found to work very effectively:

GENERAL PLAN FOR CLOSER COORDINATION OF WORK IN THE TRAINING SCHOOL  
AND PROFESSIONAL CLASSES IN THE NORMAL SCHOOL.

Each normal teacher in charge of a professional class shall, at least twice each term, give the students an opportunity to prepare lesson plans, and observe the plans practically carried out in the grades of the training school. The method of procedure shall be as follows:

1. The critic teacher in charge of the professional class shall, after consultation with the superintendent of the training school and the critic teacher in charge of the grade where the observation is to be made, decide upon the topic to be taught.

2. Each member of the professional class shall then, under the direction of the teacher in charge, prepare a plan of teaching the topic, which should embrace at least the following points:

- (1) The aim of the lesson.
- (2) Preparation of the pupils' minds for receiving the lesson.
- (3) Presentation.
- (4) Generalization.
- (5) Application.

3. The plans having been prepared, shall then be discussed in the class, and the one considered the best and most feasible shall be selected and amended as it may seem necessary, after which it shall be submitted to the critic teacher for her suggestions.

4. The lesson as planned shall then be taught in the presence of the professional class, a copy of the plans being in the hands of each member of the class. The person teaching the lesson may be the student who prepared the plan, a student teacher in the training school, the critic teacher, or the teacher in charge of the professional class, preferably the person who prepared the plan.

5. After the lesson has been taught, the teacher in charge of the professional class shall arrange for the discussion of the lesson, the critic teacher in whose grade the lesson was taught and the superintendent of the training school being present.

It is suggested that the discussion proceed in the following order:

- (1) Some member of the professional class shall prepare and present a written report of the lesson as presented.

(2) Several students present prepare criticisms of the lesson as it appeared from their standpoint.

(3) The teacher of the professional class, the critic teacher, and the superintendent of the training school shall criticise the lesson, calling special attention to the pedagogic principles involved.

(4) Opportunity shall be given the teacher of the lesson to give the reasons for her method of presentation and to answer criticisms that may have been made in the discussion.

#### THE SUMMER SCHOOL.

That the summer school is growing in popularity and meeting a real need in this section of the State is evidenced by the growth in attendance as shown by the following table:

Summer of 1901.....	156
Summer of 1902.....	264
Summer of 1903.....	400
Summer of 1904.....	320
Summer of 1905.....	464
Summer of 1906.....	625
Total .....	<hr/> 2229

The work of the summer school is planned to meet the needs of the following classes:

1. Those working for credits on any of the regular normal school courses.

2. Those wishing to review, preparatory to taking the county examinations.

3. Those wishing to do special work in music, drawing, manual training, or kindergarten.

4. Those regularly teaching in the public schools of the State who desire inspiration and helpful suggestions in order that they may be better fitted for their chosen work.

5. Teachers in charge of county normal training classes.

Credits are given upon the regular courses for work done in the summer school. This enables regular students to shorten the time of residence required for the various certificates, and at the same time gives an opportunity for teachers who are employed during the year to review or do advanced work along their chosen lines.

During the summer of 1905, the experiment was made of abandoning the regular county institute in Isabella County and urging the rural school teachers to attend the summer school instead. The county commissioner was employed as one of the instructors. The result was highly satisfactory to all concerned. One hundred and seventy teachers were enrolled in the institute courses.

In response to a call issued by the State Superintendent of Public Instruction, the county school commissioners of Isabella, Osceola, Clare, Midland, Gratiot, and Montcalm counties met at Mt. Pleasant on February 7, and decided to hold no institutes in the above counties during the summer of 1906, but instead to take advantage of the institute



courses offered at the Central Normal and urge all their teachers to attend the normal during the six weeks' summer session. At a later date Gladwin county decided to join in the movement.

Institute courses were offered by the faculty of the normal school in the following subjects:

1. Arithmetic.
2. Civil government of the United States.
3. Drawing.
4. English.
5. Elements of agriculture.
6. Geography.
7. Grammar and composition.
8. History and government of Michigan.
9. Music.
10. Nature study.
11. Physiology and hygiene.
12. Reading and orthoepy.
13. State manual and course of study.
14. School law and current events.
15. State reading circle work.
16. School management.
17. United States history.

An increase of nearly 200 in the enrollment over the preceding year indicates the popularity of the movement.

Students doing strong work in the institute courses were given credit for the same as part fulfillment of the requirement for the Central Normal rural school certificate, or on the preparatory course leading to the graded school or the life certificate.

I believe that this movement is a long step in the direction of solving the institute problem in this State. Attendance for six weeks in a well-equipped State normal school and under the instruction of expert teachers in the various departments means real solid educational progress on the part of those who attend.

A very important and interesting feature of the summer school is the course of lectures by non-resident lecturers. During the last two summers the students of the summer school have had the privilege of listening to the following eminent educators:

Hon. A. E. Winship, Ph. D., Litt. D., Editor of the NEW ENGLAND JOURNAL OF EDUCATION.

Hon. H. R. Pattengill, Editor of MODERATOR-TOPICS.

Col. C. H. French, the eminent traveller and lecturer.

Prof. Edward F. Bigelow, Ph. D., editor of "Nature" in ST. NICHOLAS MAGAZINE.

Prof. W. C. Hewitt, M. Pd., state institute conductor for Wisconsin.

Prof. J. G. Carter Troop, A. M., Associate Professor of English Literature in the University of Chicago.

Prof. Richard Thomas Wyche, the eminent story teller of New York City.

## MANUAL TRAINING.

Manual training was introduced into the Central Normal in 1903. Since that time the work has gone forward with increasing interest and efficiency. A year ago the services of William D. Miller, a graduate of Teachers' College of New York City, were secured. He has proven himself to be not only a first-class mechanic, but also a skillful teacher of the mechanic arts. A commodious room has been fitted up in the basement of the training school building and all necessary tools and material furnished. Two courses of study are especially emphasized:

1. A course for those preparing to teach in rural schools.
2. A course designed especially for those who are preparing to teach in the grades of city and village schools.

Frequent calls have come to this school for teachers prepared to supervise drawing and manual training in city schools. To meet this demand a two years' course in drawing and manual training is offered. Only students having a good academic education and who give special promise of becoming experts in this line of work are admitted to this course.

One-half of the instructor's time is given to normal school classes and the other half to instruction and supervision of the work in the grades of the training school. By this arrangement, students are taught not only to use tools themselves, but are given an opportunity to see the work practically carried out in the grades of the training school.

## VISITS OF MICHIGAN SUPERINTENDENTS.

Early in the school year, 1905-6, the plan was conceived of inviting a number of representative public school men of Michigan to spend a day in the Central Normal, as guests of the school. The series of visits began in January and continued at intervals of about two weeks, ending in May. The purpose of the visits was to give the superintendents an opportunity to become acquainted with the Central Normal, its faculty, equipment, the character of its student body, and the nature and spirit of the class work and the general atmosphere of the institution. The addresses given in chapel by the visitors in the presence of the entire faculty and student body of the school were an inspiration to all. Each speaker brought a message of vital interest to all engaged in educational work, and especially to the students, who, at the beginning of a new school year, will take their places in the public school service.

The following educators spent a day in the school:

Supt. C. L. Bemis, Ionia.  
Supt. Jas. H. Harris, Pontiac.  
Supt. W. H. Elson, Grand Rapids.  
Prin. Webster Cook, Saginaw.  
Supt. S. W. Baker, Manistee.  
Supt. J. W. Simmons, Owosso.  
Supt. J. A. Stewart, Bay City.  
Supt. G. A. McGee, Cadillac.  
Supt. I. B. Gilbert, Traverse City.

The same general plan, it is hoped, will be continued. The Central Normal has as strong a teaching force as any normal school in the

country. Its library, laboratories, and general equipment are unsurpassed by any similar institution of equal age. It is a good thing to have the superintendents of the central and northern part of the State realize this fact.

#### CONFERENCE OF TEACHERS OF PSYCHOLOGY.

Upon the invitation of Prof. E. C. Rowe, of the department of psychology, a conference of teachers of psychology in Michigan and Wisconsin met at the Central Normal May 24 and 25, 1906. The conference proved of great interest and profit not only to the men who are teaching this important subject, but to all interested in twentieth century educational thought and problems.

The following topics appeared on the program and were discussed with great profit and interest, not only to the teachers of psychology, but also to the normal school faculty, the student body, and many visiting educators and citizens:

1. (a) Ideals in the organization of elementary courses in psychology.  
(b) Address. The educational value of psychology. Professor J. R. Angell, University of Chicago.
2. Elementary courses from the college point of view. Professor J. R. Farley, Lawrence University.
3. The purpose of an elementary course in psychology. President R. C. Hughes, Ripon College.
4. What experiments are of most value in cultivating careful introspection. Professor M. A. Small, State Normal School, Oshkosh, Wisconsin.
5. The teaching of the concept. Professor F. N. Spindler, State Normal School, Stevens Point, Wisconsin.
6. A phase of genetic psychology. Professor W. A. Trettien, State Normal School, Oshkosh, Wisconsin.
7. Psychology in the normal school. Professor H. H. Schroeder, State Normal School, Whitewater, Wisconsin.
8. Course in psychology for students of education. Professor N. A. Harvey, State Normal College.
9. (a) The relation of psychology to pedagogy.  
(b) Address. Adolescence. President E. G. Lancaster, Olivet College.
10. Some advances in the teaching of pedagogy. Professor Geo. Randels, Alma College.
11. Address. The work of "The Religious Education Society" and psychology. President R. C. Hughes, Ripon College.

The following colleges and normal schools were represented:

The University of Michigan, Lawrence University, Chicago University, Olivet College, Alma College, Ripon College, Michigan State Normal College, State Normal School (Oshkosh, Wisconsin), State Normal School (Whitewater, Wisconsin), State Normal School (Stevens Point, Wisconsin), Western State Normal School (Michigan), Northern State Normal School (Michigan), Central Michigan Normal School (Michigan).

At the close of the conference, a permanent organization was effected

and a committee appointed, consisting of Prof. E. C. Rowe, of Michigan, Prof. James R. Angell, of Illinois, and Prof. Trettien, of Wisconsin, to arrange for future meetings.

#### SPECIAL NEEDS OF THE SCHOOL.

In my last biennial report I made the statement that, to complete the Central Normal plant and put it in shape to render the most efficient service to the State, three additional buildings are needed, a central heating and lighting plant, a physical training building, and a science building. The Legislature of 1905 made provision for the first-named building, and the same is now rendering efficient service. It has, with the addition of another boiler, capacity for handling the two other buildings mentioned above. The science building can be deferred for two years, but the physical training building is an imperative and pressing necessity. At the present time the gymnasium is located over the library. When physical training classes are on the floor, which is practically every hour of the day, the noise makes it utterly impossible for students to do efficient work in the library. Then, too, the large and increasing number of students, especially in the summer session, makes more class room an imperative necessity. During the last summer session, with over 600 students in daily attendance, it was a serious problem to provide class rooms sufficient for the large number of classes that had to be provided to meet the needs of the school. Every room in the training school, not occupied by the training school grades, had to be utilized. A separate building, containing gymnasium rooms for the men and women, baths, rooms for classes in physiology and hygiene, and perhaps two literary society rooms, should be provided at once. Land has already been secured for this building and the science building, and the matter of heating and lighting is provided for, so an appropriation is needed simply to construct the building and provide the necessary plumbing and radiation. To construct this building and suitably equip the same, I estimate that \$50,000 will be necessary.

In connection with an appropriation for a new gymnasium building, provision should be made for converting the present gymnasium room into class rooms. I estimate that \$1,500 will be adequate for this purpose.

When steam heating was put into the training school building, the steam coils which were to take the place of the old burned-out furnaces had to be omitted on account of the lack of necessary funds. Provision should be made to complete this job. The estimate of the Eureka Heating & Ventilating Co. of Saginaw for this work is \$1,600, not including motor.

Steel ceilings should be put in the training school building, especially on the second floor. The yellow pine ceiling, which was put on when the building was constructed, was not thoroughly seasoned. The heat has caused it to shrink so badly that a large percent of the heat passes up into the attic and becomes non-effective. Five hundred dollars will put good metal ceilings on the second floor. The amount saved in fuel will offset this expense in a short time.

In the normal school building, the women's closets are in a small, poorly lighted, and badly ventilated room in the basement. The condi-

tions there are decidedly unsanitary and would certainly be condemned by the State Board of Health, if inspected. Architect E. W. Arnold has submitted a plan for converting a good-sized, well-lighted and ventilated class room on the main floor into the women's lavatory. The plans contemplate putting in a tile floor, marble stalls and screens, and the most sanitary fixtures. He estimates that the cost of making this improvement will be \$1,800. The increasing number of women students makes this change an imperative necessity. The appropriation for this purpose should be made, however, on condition that a gymnasium building is provided, otherwise the class room cannot be spared.

Every year complaints come to my office, in large numbers, that articles of wearing apparel, etc., are lost because adequate provision is not made for caring for these things while students are engaged in their class rooms or other necessary work. Suitable lockers should be provided so that each student may have a safe place to keep his wraps while engaged in his school work. These lockers might be rented to the students at a small price, and thus they would soon pay for themselves. The better plan, however, would be for the State to provide these necessities free to the students. To make provision for 400 students would cost about \$1,600.

Lastly, the Central Normal needs a liberal appropriation for library and scientific apparatus. While these departments have had a satisfactory growth during the last two years, the growing school demands that these facilities be greatly increased. The normal schools occupy a vital position in the State educational system. To do the work the people have a right to expect they shall do requires not only an expert teaching force, but the necessary appliances for the teachers to use in order to make their work effective.

Estimates for the Biennial Period, July 1, 1907 to July 1, 1909:

I. Current Expenses:

1. Salaries, each year .....\$55,890
2. Other current expenses, each year ..... 18,900

Total .....\$74,790

II. Special Appropriations:

1. For a physical training building .....\$50,000
2. For women's lavatory ..... 1,800
3. For converting present gymnasium into class  
rooms ..... 1,500
4. For completing heating of training school, in-  
cluding motor and fan ..... 2,000
5. New boiler ..... 1,500

Total.....\$56,800

Thanking you, gentlemen, for your kindly interest in the Central Normal, and hoping that the institution may ever be found true to the best educational interests of the State, I remain

Very respectfully,

C. T. GRAWN,  
Principal.

## NORTHERN STATE NORMAL SCHOOL.

## MARQUETTE.

## REPORT OF THE PRINCIPAL.

*To the Honorable, the State Board of Education:*

GENTLEMEN—I have the honor to submit the official report of the Principal of the Northern State Normal School for the biennial period ending June 30, 1906. These two years have been years of steady growth and progress in the number of students and in equipment. During this time, the quality of the work done in the school has been improving steadily, a very large percentage of the students have been high school graduates, and their preparation for normal school work has been growing noticeably better. The faculty of the school have reason to feel satisfaction in the progress of their work towards higher results.

The increase in attendance has maintained a steady growth and, in comparison with the last biennial period, has made a substantial advancement. The attendance of students for the two biennial periods has been as follows:

July 1, 1902-July 1, 1903.....	258
July 1, 1903-July 1, 1904.....	284
Total .....	542
July 1, 1904-July 1, 1905.....	334
July 1, 1905-July 1, 1906.....	438
Total .....	772

The above does not include the enrollment of children in the training school.

In the spring of 1904, the normal school introduced a system of extension classes which has been quite successful. By this system, teachers who have taught six years successfully can avail themselves of work done in these classes under one of the professors of the normal school and gain full credit for the work done. These extension classes have been given in Ishpeming, Negaunee, and Marquette. There were eleven students in the class at Ishpeming, ten in the class at Negaunee, and thirty-five in the class at Marquette, making in all a total of fifty-six students. These classes will finish during the year 1906 and 1907. These classes have been quite successful through the fact that they are close to the normal school and could make use of all its equipment. However, I would not recommend the continuance of the classes in the above three cities, nor would I advise their extension to any other cities farther away.

**Extension  
classes.**

During the year ending June 30, 1905, there were graduated, thirty-six with life certificates and twenty-five with limited certificates, making a total of sixty-one. During the year ending June 30, 1906, there were graduated sixty with life certificates, twelve with limited certificates, and one with rural certificate, making a total of seventy-three. From these figures it will be seen that the tendency of the students has been to take the two-year course and gain a life certificate. This is largely owing to the fact that the majority of the students are graduates of the high school before attending the normal school.

It has been the policy of the school to keep always to the front the reason for which a normal school exists, namely the preparing of teachers. For this reason it has been the policy of the school to bring the training department into the closest possible union with the rest of the normal school and the effort to make actual and to put into practice the teachings of the normal faculty is never lost sight of.

It is the policy of the school to conduct the training department along the lines that will tend to produce perfect unification of theory expounded in the normal classes and practice given in the schools of this department. Immediately preceding the practice in teaching the students are required to spend one term in an observation class conducted by the superintendent of the training school, in which the close connection between the work in psychology and methods in teaching, previously studied, is exemplified in all subjects in all grades. The course of study is thoroughly analyzed and model lessons are observed and criticized. At the beginning of the next term these students are distributed among the grades for practice in teaching, being held for the entire term in one grade. It is the belief of the school that a thorough knowledge of the work of one grade through uninterrupted teaching for three months will better equip the student than a few lessons given in each grade for the same time. During the past two years the work of the training school has been steadily improving and the cooperation between the academic and professional sides of the school has become closer and the work has thus been made more effective.

The new library building, which is a beautiful structure, admirably adapted to its purpose, was made ready for occupancy January, 1905. It was built as an annex to the south wing. This has been a great addition to the usefulness of the library and the school. It is used solely for library purposes and furnishes room to properly house the books and also for a study and reading room for students. It is thoroughly equipped with new book stacks and other furnishings and is now fully furnished and up to date.

An annex to the Peter White Hall of Science has just been built and equipped. The upper floor will be used as recitation rooms and give us three excellent class rooms which are very much needed. The basement of this building is to be used as a gymnasium and will fulfill a long-felt want. It is now being equipped for use and will be ready for the opening of school for the year 1906 and 1907.

During the night of December 16, 1905, the south wing was destroyed

**Destruction of south wing.** by fire together with all its equipment. As the fire took place in the night, it was beyond control before discovered, and the buildings and equipment were a total loss. The State Board of Auditors made appropriation for replacing the building and equipping it. The building is now progressing and it will be ready for occupancy January, 1907. The library, which joined the south wing, was slightly damaged by fire also, but owing to its fireproof construction the building and the library were saved. The south wing is to be replaced with a building of fireproof construction which will make both the building and the library annex one complete fireproof building.

The Peter White Hall of Science is thoroughly equipped with a physical and biological laboratory. During the past two years, these laboratories, under their respective heads, Doctors McCracken and Downing, have reached a high state of excellency. Laboratories for psychology and geography have been instituted and are gradually becoming well equipped. The Peter White Hall of Science furnishes a home for the teaching of science which compares very favorably with that of most normal schools and colleges. The work in science, both in the laboratory work and field work, has reached a high degree of efficiency, the aim, however, has been that of the normal school, and the attempt has been made to send out teachers thoroughly equipped for the teaching of science in the schools.

During the past two years, the library has been growing steadily through liberal appropriations. In 1904, the library had 10,000 volumes in all, 4,000 volumes of which, constituting the Moses Coit Tyler library, were purchased and presented by a few friends of the school. At the end of this biennial period the library has 12,002 books, an increase of 2,000 during the period. This is an excellent working library, the books having been chosen carefully with a view to their use by students and faculty. During the past year the library has been used much more and more effectively by the students than ever before. It is splendidly arranged and thoroughly cataloged and classified so that students may easily and rapidly gain access to the books they need in their work.

**Faculty and new departments.** A number of additions have been made to the faculty and several new departments instituted. In 1904, a dean of women was appointed, who should have charge more especially of the students in the dormitory. The dormitory is only open to women students for rooming, although gentlemen are allowed to take meals there. The office of the dean is to look after the physical, moral, and social life of the students. The two years in which this has been done have been helpful to the student life of the school. A new department of Latin has been created which was felt necessary to fill the wants of those students who desired to take this subject. The work in physical training has been systematized and instructors for men and women students have been secured so that the work will now be conducted systematically and scientifically, with a view to promoting the health of the student.

A new department of expression has been instituted. This department is of the greatest importance and had been long needed.

A department of geography has also been created. This, also, fills a long-felt want. The adding of the new departments has greatly aided in the efficiency of the school and has already showed results more than



commensurate with the additional expense needed to maintain them. We have now a well-rounded school with departments in all subjects, except those relating to manual training and domestic science, and these in the near future should be represented in our curriculum. There is still a need of more class rooms and when the year begins, notwithstanding the addition of the three rooms in the Peter White Hall of Science annex, we shall not have class rooms enough for each member of the faculty to have a special room.

During this biennial period, the summer school has largely increased in numbers and has proved of great help to the teachers of the Upper Peninsula. Classes have been arranged to suit the need of the various classes of summer students. An important feature has been the courses of lectures by eminent non-resident lecturers. The attendance showing the increase for the past two biennial periods, has been as follows:

Summer session 1902.....	126
Summer session 1903.....	124
Total .....	250
Summer session 1904.....	187
Summer session of 1905.....	269
Total .....	456

As the above figures show, the attendance of students in the summer school has nearly doubled during the past two years.

#### FACULTY.

1905-6.

James Hamilton Barcroft Kaye, A. M., Principal.  
 \*Lewis Flint Anderson, A. M., Psychology and Pedagogy.  
 Clifton O. Taylor, Ph. D., Psychology and Pedagogy.  
 William McCracken, Ph. D., Physics and Chemistry.  
 Flora Elsie Hill, A. M., English Language and Literature.  
 John Brookie Faught, Ph. D., Mathematics.  
 Elliott Rowland Downing, Ph. D., Natural Sciences.  
 Sophia Linton, Music.  
 Grace Allen Spalding, Drawing.  
 John Edward Lautner, M. L., French and German.  
 Frances Martin Kelsey, Pedagogy.  
 Catherine Ellen Maxwell, A. B., M. Pd., Dean of Women, History and Civics.  
 Belle Katherine Middlekauff, Ph. B., Latin.  
 Eulie Gay Rushmore, Expression and Physical Training.  
 Charles H. Estrich, A. M., Geography and Physical Training.  
 H. Susan Bates, Kindergarten.  
 \_\_\_\_\_, Instructor in Mathematics and English.

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\* Absent on leave during 1906.

*Training School.*

Frances Martin Kelsey, Superintendent of Training School.

H. Susan Bates, Grand Rapids Training School, Kindergarten.

Henrietta J. Barnes, St. Cloud Normal School and Teachers' College, New York, First and Second Grades.

Theodosia Hamilton Hadley, M. S., Vassar College and Chicago University, Third and Fourth Grades.

Lula Caroline Harrison, Saginaw Training School and University of Michigan, Fifth and Sixth Grades.

Luella Arnold Melhinch, Potsdam Normal School, Seventh and Eighth Grades.

\_\_\_\_\_, Music, Drawing and Industrial Training.

Sara A. McLeod, Librarian.

Louise Holmes, Secretary.

Alfred M. Barry, in charge of Buildings and Grounds.

## SUMMER SCHOOL.

The summer session has rapidly become one of the most important terms in the year. It reaches a class of teachers and students who otherwise would never receive normal training of any kind. It also reaches a class of students who need more time than the regular three terms of the year to thoroughly master and complete the course of study. During the past three years the increase of mature

**Personnel.** students who wish to complete their normal course, or who desired to come back for review work in those subjects they have to teach, has very noticeably increased and there is no doubt that the summer school is the most important part of the normal course for teachers of this class. The increase of attendance at the summer school has shown that it is not only a much-needed, but a much-appreciated part of the work of the normal school. Many, too, of the regular students also stay and take the summer school work. The attendance at the Northern State Normal for the past four years has gradually increased and the indications are for a much larger increase in the future. The numbers indicated below will show this steady increase:

Summer 1902 .....	126
Summer 1903 .....	124
Summer 1904 .....	187
Summer 1905 .....	269
Summer 1906 .....	296

The attendance for 1906 would have been much larger had it not been that our main building was lost by fire and our accommodations for taking care of a large number were somewhat straitened, and many students who would otherwise have attended did not do so.

Previous to the summer of 1906 the summer school work consisted of regular normal school work for credit, review work and preparation work for teachers' examination, and courses of general lectures by eminent lecturers and educators. In the summer of 1906 an institute for a number of counties in the Upper Peninsula was combined with the summer school. This did not add to the enrollment as it would in the Lower

Peninsula, owing to the fact that there are a comparatively small number of rural schools and that the distances from the normal school are great. Notwithstanding this, there is no question of doubt as to the value of combining the institute and the summer school. There is no question that when the plan, as tried this summer, is thoroughly understood by the commissioners and teachers, it will prove the greatest advance yet made in the summer school movement. The summer school of 1906, despite the fact that we were crowded for room, and that owing to the fact of the auditorium having been destroyed, no course of general lectures was given, proved to be one of the most successful summer schools ever held here. The teachers and commissioners who were present pronounced it a success and a movement to make it universal in all the counties of the Upper Peninsula was begun. The greater number of the students who entered as institute members took work for normal school credit in the various departments and regular members of the normal school attended classes in the institute.

I would recommend the continuing and further perfecting of the plan for the combined summer school and institute. There is one tendency that was noticed at this year's summer session, namely, the large importance that must be given to the study and review of the common branches. But this fact of itself proves that there is a crying necessity for just this kind of work, and that it is bringing the normal school more closely in contact with the class of teachers it had hitherto failed to touch. Another fact, too, was noticeable, the thorough intermingling of all classes of teachers, and this was very helpful to all of them. Again for the long institute, the normal school presents opportunities which were impossible under the old plan. It brings the teachers into the atmosphere of the normal school and in contact with scholarly men and women with the professional attitude which is held toward teaching. The experiences of the summer have led us to believe that this combined summer school and institute is equally of advantage to the school as well as to the student. It has done much to bring the faculty to understand the real needs of the school, and to center their interest upon those actually teaching as well as upon those who are preparing to teach. For the Northern State Normal School, this form of summer school is the best that can be devised and I would urge its continuance and extension to other counties.

Respectfully submitted,

JAMES H. KAYE,  
Principal.

## WESTERN STATE NORMAL SCHOOL.

KALAMAZOO.

## REPORT OF THE PRINCIPAL.

*To the Honorable, the State Board of Education:*

GENTLEMEN—I have the honor to submit herewith the report of the biennial period beginning July 1, 1904, and closing June 30, 1906.

This report, covering as it does the first two years of the existence of the Western Normal, is an account of the building of foundations and of rapid development of the school as well. From the beginning it has been the purpose of the administration to bend every effort to the establishment of sound ideals. In the selection of instructors and in the daily life of the institution, character and personality, thorough scholarship, teaching efficiency, and sound professional spirit, including right views of social service, have all been kept in mind. Recommendation of instructors has been made to your honorable body only after painstaking search. The general efficiency of the teaching force now employed entirely justifies the effort which has been made to secure professional skill and personal worth in the faculty. The normal already has a standing in western Michigan and increasing recognition of the school is shown in many ways. Of these, the patronage of the section for which the normal was primarily established is worthy of note.

## ATTENDANCE.

During the first year of the school the total attendance of students was 232. In the second year, which closed on June 30, 1906, the attendance was 483, more than double that of the first twelve months. The third year will doubtless bring an enrollment of 850 different students. In these figures there is no duplication of names nor is the attendance in the training school included. The attendance during the summer terms of 1904 and 1905 was 117 and 310 respectively. While this report covers only the period closing June 30, 1906, it may not be out of place to state that the summer term enrollment this year has increased to 557. The attendance for each of the two years of the biennial period, not including students enrolled in the summer terms, was 140 and 235 respectively. As the numbers have increased, territory reached by the normal has widened. In the six months' period beginning July 1, 1904, sixteen counties of our State were represented in the attendance. In the summer term of 1906, thirty-two counties sent students to the normal. In the former period, sixty-three towns and cities were represented. In the summer term of 1906,

148 towns and cities sent students. In the former period, Michigan alone was represented. During the past summer, students came from ten states.

At the close of the school year 1905-6, sixty-one students were granted certificates as follows: Life certificate, 33; graded school certificate, 15; rural school certificate, 13. These young people have at the time of the compilation of this report, with the exception of two students who will pursue advanced studies, entered into the service of our commonwealth as teachers in city and country schools. The demand for graduates of the normal has been such that twice the number graduated could have been placed in desirable positions. Of those completing the course this year, three have gone to the cities of Indianapolis, Indiana, and Lake Forest, Illinois; nine are employed in the Upper Peninsula; and forty-seven are employed in towns and cities of the Lower Peninsula. These figures refer only to those who have been granted certificates. A much larger body of students who have attended the school are now teaching. Nearly 500 of the students enrolled in the summer term of 1906 are now in the teaching service in our own State.

#### COURSES OF STUDY.

The following courses of study are now offered: (1) Life certificate course, (2) graded school course, (3) rural school course, (4) preparatory course, and special courses in (5) public school music, (6) public school art, (7) kindergarten, (8) manual training, (9) domestic science and domestic art.

Of the foregoing the life certificate course is the most widely elected. In the year 1905, after most careful deliberation, a number of changes were introduced in the life certificate course <sup>Life certificate course.</sup> which we believe have greatly improved the same. In general, these changes consisted in establishing more required work with a corresponding decrease of electives and also in extending the time given to each branch. This prescribed course includes thorough instruction in the professional subjects psychology, general method, child study, and history of education; practice teaching one-half of each day for a period of twelve weeks; and somewhat continuous courses in literature, language, music, drawing, construction work, history, arithmetic, nature study, and geography. This prescribed work constitutes a relatively comprehensive and balanced course for those who are to teach in the grades. It has been found to be of distinct advantage to avoid so called specialization and there is a decided gain in the increased length of time during which the subjects named above may be studied.

In 1905, the faculty of the Western Normal, with the approval of the State Board of Education, introduced an extension course similar to the work begun at the Northern Normal. <sup>Extension courses.</sup> This course is open only to graduates of approved high schools who have taught successfully for six years or more. Many of the older teachers having, through various causes, been deprived of professional training, it seemed desirable that the normal should make an effort to reach and benefit this class. Accordingly, the extension course was organized and thereby a real service offered, not only to the teachers, but to those who are to enjoy the added efficiency of

their instructions. The minimum requirements in the extension course for a candidate seeking a certificate consist of residence work during three summer terms and absentia study for a minimum period of two years. In the past year, more than fifty experienced teachers have taken up this work nearly all of whom were encouraged to add to their professional equipment through the opportunities thus provided. Extension classes have been organized in Grand Rapids, Niles, Kalamazoo, and Allegan. These meet regularly under the direction of an instructor of the normal, in addition to pursuing studies in residence during the summer term.

Special courses in music, public school art, kindergarten, manual training, and domestic economy, are all well established. The courses in manual training and domestic economy are carried on in affiliation with the public school system of Kalamazoo, the limited resources of the normal thus far making this plan imperative. The relations existing between the two schools have been entirely friendly and cordial but I believe it highly desirable that the work in manual training and domestic economy be brought in the near future under the exclusive control of the normal school. I have accordingly made provision, in a budget submitted herewith, for the establishment of these departments on our own foundation.

The rural school department established at the opening of the Western Normal has prospered. Not only has the inside work been wisely and efficiently done, but the director, Mr. Ernest Burnham, has rendered splendid service in the field, scarcely less important than that in the school. The department is in close touch with a number of leaders in the movement for the educational uplift of rural communities, including President Kenyon Butterfield of the Massachusetts Agricultural College, Commissioner O. J. Kern of Rockford, Illinois, and Mr. Cap Miller, the efficient county superintendent of Sigourney, Iowa. Already our work for the rural schools is becoming widely known. During the past year, President Myron T. Scudder of the New Paltz, New York, normal, made a journey from the Hudson river to Kalamazoo to learn of the inner workings of this department. It should be stated that we desire in the near future to secure affiliation with a neighboring country school for purposes of observation and practice teaching.

#### RESOURCES OF THE SCHOOL.

The resources of the school on June 30, 1906, were as follows:

Normal building .....	\$60,000 00
Site of twenty acres .....	40,000 00
Improvements on grounds .....	2,850 00
Library .....	2,300 00
Furniture .....	2,911 05
Manual training and laboratory equipments..	1,405 14
General supplies .....	720 36
	<hr/>
	\$110,186 55

In addition to the above there is now available, for building purposes, a special appropriation of ..... 60,000 00

## FACULTY.

The faculty of the school during the year just closed consisted of the following persons:

D. B. Waldo, A. M., Principal.  
John T. McManis, Ph. D., Psychology and Education.  
Mary Lowell, A. M., English Language and Literature.  
Ernest Burnham, A. M., Director of Rural School Department.  
Thomas J. Riley, Ph. D., Mathematics.  
L. H. Wood, A. M., Geography.  
Martha A. Sherwood, Director of Training School.  
Florence Marsh, Music.  
Emilia Goldsworthy, Drawing.  
Elisabeth Zimmerman, A. B., German and Latin.  
Marion Brownell, A. B., History and English.  
Esther Braley, A. B., Librarian.

*Faculty of the Training School.*

Martha A. Sherwood, Director.  
Amelia Anderson, Critic Teacher.  
Nellie McConnell, Critic Teacher.  
Emilie Townsend, Critic Teacher.  
Jane Atwood, Ed. B., Critic Teacher.  
Bessie Goodrich, Critic Teacher.

*By Affiliation with City Schools of Kalamazoo.*

George S. Waite, Manual Training.  
Charlotte Waite, Domestic Science and Art.  
Ethel Rockwell, Physical Training.  
E. N. Worth, Science.  
Katherine Newton, Secretary.

## SPECIAL NEEDS OF THE SCHOOL.

The budget previously referred to contains an itemized estimate of current expenses for the biennial period July 1, 1907, to June 30, 1909.

Special needs of the school are as follows:

1. Motor and fan to complete the ventilating system of the normal building first erected. The building was constructed with a view to the ultimate installation of the modern fan system of ventilation. The building is ideal in all respects other than its lack of a completed ventilating system. It is convenient in arrangement, well lighted, and the heating plant is satisfactory. An adequate equipment for ventilation will cost approximately \$3,500.

2. A training school building. Our students are now trained in practice teaching at the Vine street school belonging to the Kalamazoo city system. This necessitates a walk of five blocks between buildings. All of the training teachers are separated from the normal by the same distance and this operates against the close cooperation of departments and the unity which would more strongly prevail if the training department were housed in our own building on the normal grounds. Our relations with the city schools have been most cordial, but there

are distinct advantages in direct and exclusive control of the practice work. Our critic teachers are obliged to train students in rooms containing one-half more pupils than is satisfactory for such work. A building such as is needed can be erected for \$70,000.

3. Improvement of the grounds. Thus far no appropriation has been available for the construction of needed walks and driveways, nor has any money been available for much needed grading of the grounds which are still in the rough. The sum of \$4,800, as specified in the budget, is needed for immediate expenditure.

4. Land for an athletic field. There is no place available for athletics such as baseball and football on the present normal property. As real estate is rapidly advancing in Kalamazoo, and, furthermore, all of the available sites will soon be taken for other purposes, I wish to urge the immediate appropriation of \$5,000 for the purchase of land suitable for an athletic field.

5. Equipment for manual training and domestic economy. Our equipment in these departments is entirely inadequate and the sum of \$1,500 is needed to make our work what it should be.

6. Additional appropriation as voted by the State Board of Education to build the gymnasium-assembly room-library.

7. Special fund for library, in addition to the item included in "current expenses," in the budget. The sum of \$2,000 is needed for the purchase of standard works of reference, encyclopedias, complete sets of bound periodicals and other works much needed by the school.

In concluding this enumeration of our needs, I desire to emphasize the importance of an adequate equipment of books, laboratory apparatus, furniture, works of art, and general supplies. The estimate submitted to the Legislature in January, 1905, called for a current expense appropriation of \$39,316 per annum for the biennial period. This amount was reduced to \$35,000 in the bill which was finally reported out. An additional item of \$5,000 for the improvement of grounds was stricken out entirely. The result has been that the Western Normal has suffered throughout the biennial period for lack of equipment. At many points the efforts of those charged with its development have been hampered by lack of funds. Our equipment of apparatus is small. Our library is inadequate to serve the needs of the students. We are doing without much needed furniture; for over a year we were obliged to borrow chairs as the funds were insufficient to supply sittings for the small assembly room. We are still obliged to rent musical instruments, having no funds for purchasing the same. Many reasonable requests of heads of the various departments have necessarily been denied, notwithstanding the great need of additional facilities. It has been distinctly to the disadvantage of the school that the original estimate was not allowed, as asked for, dollar for dollar.

#### LOCATION OF THE SCHOOL.

Two years of careful observation make it very clear that Kalamazoo possesses all of the essentials of a high grade residence city for a State normal school. It is a community of homes, of business thrift, and of growth. The literary, social, religious, and general educational advantages so conspicuous here are of incalculable value in the training



of our young people during the impressionable years of student life. Furthermore, expenses are reasonable and there are countless opportunities for remunerative employment open to all young men and young women whose means are limited. All of these factors, together with the splendid transportation facilities to and from the city, and the populous character of the region naturally tributary to the normal, have worked for the rapid upbuilding of the institution.

The outlook is propitious. Students are coming in constantly increasing numbers; superintendents, principals, commissioners, and teachers, are hearty in their support of the school. The area of its influence is being rapidly widened; the citizens of Kalamazoo are cordial and friendly; the best of feeling exists between the normal and the various other educational institutions of the city. Our relations to the other educational institutions of the State are all that could be desired. Graduates of the school are greatly in demand. The instructors are doing strong, efficient work and our students are earnest and enthusiastic. A fine spirit prevails throughout the school.

I desire in closing to express my personal appreciation of the interest taken in the growth of the normal by the members of the State Board of Education.

#### SUMMER SCHOOL.

It seems desirable, at the outset, to call attention to the rapid increase in attendance at the summer sessions of the Western Normal as indicative of a real educational need of our commonwealth which has been met by the establishment of the school. In the opening summer term of 1904, there was an enrollment of 117 students. In the corresponding term of 1905, the attendance reached 310, and in the six weeks' summer session of 1906, the number of students attending increased to a total of 557.

In this attendance ten states were represented as follows: Arkansas, Colorado, Illinois, Indiana, Iowa, Michigan, Montana, Nebraska, Ohio, and Wisconsin. The enrollment from Michigan numbered 540 students representing thirty-two counties, namely: Allegan, Antrim, Arenac, Barry, Bay, Berrien, Branch, Calhoun, Cass, Charlevoix, Dickinson, Eaton, Genesee, Gratiot, Houghton, Isabella, Jackson, Kalamazoo, Kalkaska, Kent, Leelanau, Lenawee, Montcalm, Muskegon, Oceana, Ottawa, St. Joseph, Tuscola, Van Buren, Washtenaw, Wayne, and Wexford. As still farther illustrating the wide distribution of the constituency of the school may be mentioned the fact that these students came from 148 towns and cities.

A noteworthy feature of the session consisted in the large variety of interests of the student body. All were planning to teach, yet their immediate needs were most varied. To meet these varying needs, seventy different courses were offered representing the following named departments: English, geography, German, Latin, history, kindergarten, manual training, domestic economy, mathematics, music, natural science, physical education, physical science, public school art, psychology and education, and rural schools.

Fully one-half of the students were preparing for service in the country schools. Of these, a considerable number elected review subjects included in the third grade and second grade county examinations.

Others elected studies that are credited in the life certificate and graded school courses.

A group of twelve students completed the graded school course at the close of the term, and nine others completed the life certificate course. Altogether, about two hundred students earned credits applying on the life course. Each of the following special courses was well patronized, namely: Public school art, music, kindergarten, and manual training.

The new course in library methods proved entirely successful, the enrollment reaching a total of twenty-four, and including several superintendents. The work was directed by the regular librarian of the normal. In this connection the hearty support of the authorities of the State library is worthy of special commendation. The loan of books and supplies so generously made was essential to the success of the work.

The extension course offered by the Western Normal is, in the judgment of the faculty, more than justified. Fifty of our strongest students were enrolled in this course, nearly all of whom, it is safe to say, having been encouraged to make more thorough preparation for educational service through the opportunities offered by normal extension.

A most encouraging feature of the summer session of 1906 is found in the relatively large number of superintendents and principals who have come to the normal for additional work, no less than twenty such having enrolled. Two county commissioners were in regular attendance and in addition the commissioners of eight counties including Kalamazoo, and those adjacent thereto, were on the ground much of the time throughout the session. These gentlemen, Messrs. Aseltine, Hale, Hazard, F. D. Miller, L. E. Miller, Ketcham, Swain, and Thorpe, co-operated with entire cordiality in the general plan of the Department of Public Instruction respecting the suspension of summer institutes in the counties adjacent to and including Kalamazoo. Furthermore, all of these gentlemen supported the Department's recommendation that the teachers under their jurisdiction be encouraged and directed to take advantage of the unusual opportunities offered during the six weeks' summer term at the normal. It may be said that all concerned, including commissioners, county teachers, and instructors in the normal are enthusiastic in their support of the new plan. The establishment of the county normal system and the new departure of 1906 affecting summer institutes and summer terms in the normals are, so far as our observation goes, two of the best measures that have been adopted for the improvement of the common schools of Michigan.

In continuation of the policy of the preceding summer term, six well known educators were engaged to lecture to the students. The lecturers and their subjects are named below:

O. J. Kern, Rockford, Ill.

1. The district school as a spiritualizing force in country life.
2. The new agriculture and the country school.
3. Consolidation of country schools.

Hon. Delos Fall, Albion.

1. The boy and his environment.
2. The air we breathe.
3. The sky by day and by night.
4. A study of water.

Professor J. Paul Goode, University of Chicago.

1. The reclamation of arid lands.
2. Cotton as a social factor.

Mrs. Howard Murray Jones, Kalamazoo.

1. Food for daily strength.
2. The care of the temple.
3. Domestic economy in rural schools.

A. E. Winship, Boston.

1. Boys as a liability.
2. The public school as an investment.
3. Authors I have known.

Richard T. Wyche.

1. Southern folk tales.
2. The philosophy and art of story telling.

In addition to the above, members of the faculty gave addresses before the county teachers as follows:

Dr. Riley,

The sociology of rural communities.

Mr. Wood,

Geography in rural schools.

Miss Goldsworthy,

Drawing in rural schools.

Miss Marsh,

Music in rural schools.

Miss Lowell,

Good reading for rural schools.

Mr. Burnham,

The campaign for rural progress.

Field work in the section immediately surrounding Kalamazoo was duly emphasized in the courses in botany, geography, and nature study. The classes in manual training were taken on industrial trips to typical manufacturing establishments in the city. **Field work.** One of these trips to a leading paper-making plant was participated in by two hundred and fifty students. Nearly two hundred students joined in an excursion to South Haven that was arranged especially for the school.

Excellent opportunities for observation of grade work were afforded by maintaining the sessions of four rooms of the training school during the first four weeks of the term. The rooms continued during this period were kindergarten, and second, fourth, and sixth grades.

All of the regular instructors of the school remained in residence during the summer term and the following persons were also engaged to assist in caring for the largely increased attendance, namely: Professor William Praeger of Kalamazoo college, Principal R. R. N. Gould of the Kalamazoo high school, Superintendent W. E. Conkling of Dowagiac, Mrs. Lily Robinson of Vicksbury, Principal John Fox of Three Rivers, and Miss Anna Morrison of Kalamazoo.

Due attention was given to social recreation, a committee under the leadership of Miss Florence Marsh having carefully provided therefor. A reception and two parties, all well attended, **Social features.** were included in the arrangements of the committee. Aside from class work in physical training, outdoor athletics received recognition in the organization of a baseball team that played a schedule of seven five-inning games, winning five of the series. In general the students enjoyed the best of health throughout the term.

In conclusion, I wish to emphasize most forcefully the splendid spirit of earnestness and of good-fellowship that characterized the student body throughout the summer session. There can be no possible doubt that the Western Normal is to be another rallying place for the increasing number of high-minded young men and women who are giving their lives to the educational advancement of our commonwealth.

Very respectfully,

D. B. WALDO,  
Principal.

## BUDGETS OF NEEDED APPROPRIATIONS.

## MICHIGAN STATE NORMAL COLLEGE.

## CURRENT EXPENSE, 1907-8.

Duplicate asked for 1908-9.

Salaries .....	\$125,000 00
Repairs .....	3,000 00
General supplies .....	3,000 00
Fuel .....	6,000 00
Light .....	1,000 00
Printing and advertising .....	1,500 00
Traveling expenses .....	300 00
Furniture .....	500 00
Library .....	2,000 00
Postage .....	700 00
Natural science department .....	800 00
Physical science department .....	800 00
Ten other departments at \$50.00 each.....	500 00
Total .....	<u>\$145,100 00</u>

## SPECIAL NEEDS.

## 1907-8.

Improvement of grounds .....	\$1,000 00
Addition to the training school .....	40,000 00
New boilers and stack for heating plant.....	8,000 00
Immediate increase of facilities for manual training.....	1,000 00
Telescope .....	4,000 00
Ventilation of main building .....	4,000 00

## 1908-9.

Auditorium and class rooms for the conservatory of music.....	100,000 00
Total .....	<u>\$158,000 00</u>

## CENTRAL MICHIGAN NORMAL SCHOOL.

## CURRENT EXPENSE, 1907-8.

Duplicate asked for 1908-9.

Salaries .....	\$55,890 00
Fuel and light .....	4,000 00
Water .....	150 00
Grounds .....	500 00
Library .....	2,500 00
Laboratories .....	2,200 00
Physical .....	\$800 00
Chemical .....	300 00
Biological .....	500 00
Geographical .....	400 00
Psychological .....	200 00
Printing .....	600 00
Postage .....	500 00
Freight and express .....	250 00
Furniture .....	500 00
General supplies .....	500 00
Training school supplies .....	500 00
Training school text-books .....	250 00
Piano .....	350 00
Contingent .....	250 00
Commencement .....	100 00
Drawing models, casts, etc. ....	200 00
Alterations and repairs .....	1,000 00
Lockers .....	1,600 00
Physical training department .....	500 00
Extra labor .....	300 00
Telephone rent and service .....	200 00
Lectures—summer school .....	500 00
Works of art .....	250 00
Domestic science equipment .....	500 00
Manual training supplies .....	500 00
Total .....	<u>\$74,590 00</u>

## SPECIAL NEEDS.

1907-8.

Physical training building .....	\$50,000 00
Women's lavatory .....	1,800 00
Converting present gymnasium into class rooms. ....	1,500 00
Completing heating of training school building, including motor and fan .....	2,000 00
New boiler .....	1,500 00
Total .....	<u>\$56,800 00</u>

• NORTHERN STATE NORMAL SCHOOL.

CURRENT EXPENSE, 1907-8.

Duplicate asked for 1908-9.

Salaries .....	\$38,000 00
Contingent .....	700 00
Printing and advertising .....	700 00
General supplies and furniture .....	1,000 00
Training school supplies .....	400 00
Freight and drayage .....	100 00
Library .....	1,200 00
Postage and express .....	300 00
Telegrams and telephone .....	150 00
Gas and motor for fans .....	360 00
Fuel and lights .....	1,200 00
Science apparatus .....	500 00
Laboratory supplies .....	500 00
Summer school .....	300 00
Music .....	200 00
Grounds .....	300 00
Gymnasium .....	250 00
Repairs, improvements, and miscellaneous items.....	700 00
Extra labor .....	120 00
Commencement .....	150 00
<b>Total .....</b>	<b>\$47,130 00</b>

SPECIAL NEEDS.

1907-8.

Central heating plant .....	\$38,000 00
Equipment, domestic science department.....	1,000 00
Finishing third story of south wing.....	3,000 00
<b>Total .....</b>	<b>\$42,000 00</b>

## WESTERN STATE NORMAL SCHOOL.

## CURRENT EXPENSE, 1907-8.

Duplicate asked for 1908-9, excepting last item.

Salaries .....	\$51,640 00
Instructors for summer term .....	1,500 00
Lecturers for summer term .....	500 00
Fuel .....	2,100 00
Lights and power for pump .....	500 00
Catalogs .....	360 00
Bulletins .....	250 00
Advertising .....	450 00
Water .....	200 00
Library—books .....	1,800 00
Library—periodicals .....	200 00
Apparatus and supplies .....	2,000 00
Chemistry .....	\$1,000 00
Biology and physics .....	1,000 00
General printing .....	300 00
Postage .....	500 00
Freight and express .....	250 00
Drayage .....	180 00
Telephone and telegram .....	150 00
Furniture .....	1,000 00
General supplies .....	800 00
Training school supplies .....	850 00
Commencement .....	100 00
Gymnasium equipment .....	750 00
Music and art supplies .....	400 00
Two pianos .....	700 00
Pictures .....	500 00
Painting and tinting walls .....	500 00
Extra labor .....	300 00
Equipment for geography and nature study .....	400 00
Office furniture .....	200 00
Equipment—rural school department .....	400 00
Affiliating district school .....	200 00
Cabinets for apparatus and supplies .....	600 00
Stacks for library .....	400 00
School garden .....	100 00
Equipment—domestic art and science .....	400 00
Trees and shrubs .....	300 00
Traveling expenses .....	250 00
Repairs and improvements .....	500 00
Contingent .....	600 00
Landscape architect .....	800 00
Total current expense for 1907-8 .....	\$73,930 00
Total current expense for 1908-9 .....	73,130 00



## SPECIAL NEEDS.

1907-8.

Athletic field .....	\$6,500 00
Electric clock system .....	400 00
Motor and fan for ventilation.....	3,500 00
Grounds .....	4,800 00
Manual training equipment .....	1,500 00
Telephone system .....	200 00
Special reference works for library, including sets of periodicals and encyclopædias .....	2,000 00
Curb and gutter on Davis street.....	600 00
Approach to main building from Davis street.....	4,000 00
Addition to normal building, connecting with gymnasium and assembly building .....	15,000 00
Total .....	<u>\$38,500 00</u>



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# REPORT OF TREASURER

JULY 1, 1904 TO JUNE 30, 1906.

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# TREASURER'S REPORT.

## MICHIGAN STATE NORMAL COLLEGE.

### EXHIBIT A.

*James H. Thompson, Treasurer, Dr., for fiscal year ending June 30, 1905.*

### ON ACCOUNT OF CURRENT EXPENSE.

Date.	No. of receipt.	Of whom received.	Amount.	Totals.
1904.		Legislative appropriations—		
July 20	650	State Treasurer .....	\$8,600 83	
Aug. 22	653	State Treasurer .....	8,600 83	
Sept. 9	657	State Treasurer .....	8,600 83	
Oct. 3	658	State Treasurer .....	8,600 83	
Nov. 11	662	State Treasurer .....	8,600 83	
Dec. 16	666	State Treasurer .....	8,600 83	
1905.				
Jan. 5	667	State Treasurer .....	8,600 83	
Feb. 10	672	State Treasurer .....	8,600 83	
April 3	674	State Treasurer .....	8,600 83	
April 13	675	State Treasurer .....	8,600 83	
May 29	680	State Treasurer .....	8,600 83	
June 7	681	State Treasurer .....	8,600 87	
				\$103,210 00
		Interest on land grant—		
Feb. 10	673	State Treasurer .....	\$2,063 08	
June 27	682	State Treasurer .....	1,094 23	
June 30	683	State Treasurer .....	1,026 89	
				4,184 20
		Tuition fees—		
1904.				
July 12	649	F. L. Stewart, clerk .....	\$1,905 00	
Aug. 24	655	F. L. Stewart, clerk .....	39 00	
Oct. 22	659	F. L. Stewart, clerk .....	2,499 00	
1905.				
Dec. 6	663	F. L. Stewart, clerk .....	12 00	
Feb. 9	668	F. L. Stewart, clerk .....	2,346 00	
April 17	676	F. L. Stewart, clerk .....	2,433 00	
June 30	685	F. L. Stewart, clerk .....	81 00	
				9,315 00
		Organ fees—		
1904.				
Aug. 24	656	F. L. Stewart, clerk .....	\$6 00	
Oct. 22	661	F. L. Stewart, clerk .....	27 00	
Dec. 6	665	F. L. Stewart, clerk .....	3 00	
1905.				
Feb. 9	671	F. L. Stewart, clerk .....	13 50	
April 17	679	F. L. Stewart, clerk .....	19 50	
June 30	688	F. L. Stewart, clerk .....	28 50	
				97 50
		Laboratory fees—		
June 30	687	F. L. Stewart, clerk .....	\$4 50	
				4 50
		Diploma fees—		
1904.				
Aug. 24	654	F. L. Stewart, clerk .....	\$165 50	
Oct. 22	660	F. L. Stewart, clerk .....	34 00	
1905.				
Feb. 9	669	F. L. Stewart, clerk .....	111 00	
April 17	677	F. L. Stewart, clerk .....	69 00	
June 30	684	F. L. Stewart, clerk .....	680 50	
				1,060 00

## STATE OF MICHIGAN.

*Exhibit A.—Concluded.*

Date.	No. of receipt.	Of whom received.	Amount.	Totals.
1904. Dec. 6	664	Kindergarten fees— F. L. Stewart, clerk.....	\$6 75	
1905. Feb. 9	670	F. L. Stewart, clerk.....	46 50	
April 17	678	F. L. Stewart, clerk.....	54 75	
June 30	686	F. L. Stewart, clerk.....	39 00	147 00
		Total receipts, current expense.....		\$118,018 20
1904. June 30		Balance on hand.....		504 28
		Total debits, current expense.....		\$118,522 48

## ON ACCOUNT OF SPECIAL APPROPRIATIONS.

Date.	No. of receipt.	Of whom received.	Amount.	Totals.
1904. July 7	651	Domes for equatorial transit— State Treasurer.....	\$900 00	
July 7	652	Removal of greenhouse— State Treasurer.....	200 00	\$1,100 00
		Total receipts, special appropriations.....		\$1,100 00
July 1		Balance on hand.....		1,375 00
		Fitting up geographical laboratory.....	\$90 76	
		Erection of science building.....	1,284 89	
		Total debits, special appropriations.....		\$2,475 65
		Total debits, current expense.....		118,522 48
		Aggregate for fiscal year.....		\$120,998 13

## STATE BOARD OF EDUCATION.

77

## EXHIBIT B.

*Luther L. Wright, Treasurer, Dr., for fiscal year ending June 30, 1906.*

## ON ACCOUNT OF CURRENT EXPENSE.

Date.	No. of receipt.	Of whom received.	Amount.	Totals.
1905.		Legislative appropriations—		
July 12	689	State Treasurer.....	\$9,333 33	
Aug. 14	697	State Treasurer.....	9,333 33	
Sept. 14	698	State Treasurer.....	9,333 33	
Oct. 11	702	State Treasurer.....	9,333 33	
Dec. 14	708	State Treasurer.....	9,333 33	
1906.				
Jan. 19	709	State Treasurer.....	9,333 33	
Jan. 22	710	State Treasurer.....	9,333 33	
Feb. 14	716	State Treasurer.....	9,333 33	
Mar. 1	720	State Treasurer.....	9,333 33	
April 14	722	State Treasurer.....	9,333 33	
May 1	723	State Treasurer.....	9,333 33	
June 13	729	State Treasurer.....	9,333 37	
				\$112,000 00
1905.		Tuition fees—		
July 22	689½	F. L. Stewart, clerk.....	\$2,128 50	
Oct. 17	703	F. L. Stewart, clerk.....	2,889 00	
1906.				
Jan. 22	713	F. L. Stewart, clerk.....	2,826 00	
Feb. 16	717	F. L. Stewart, clerk.....	48 00	
May 1	728	F. L. Stewart, clerk.....	2,649 00	
				10,540 50
1906.		Kindergarten fees—		
Jan. 22	712	F. L. Stewart, clerk.....	\$57 00	
May 1	724	F. L. Stewart, clerk.....	36 75	
				93 75
1905.		Organ fees—		
Oct. 17	705	F. L. Stewart, clerk.....	\$18 75	
1906.				
Jan. 22	715	F. L. Stewart, clerk.....	24 00	
May 1	727	F. L. Stewart, clerk.....	36 00	
				78 75
1906.		Laboratory—		
Jan. 22	714	F. L. Stewart, clerk.....	\$150 00	
Feb. 16	718	F. L. Stewart, clerk.....	12 50	
May 1	726	F. L. Stewart, clerk.....	65 50	
				228 00
1905.		Diploma fees—		
Oct. 17	704	F. L. Stewart, clerk.....	\$236 00	
1906.				
Jan. 22	711	F. L. Stewart, clerk.....	87 50	
May 1	725	F. L. Stewart, clerk.....	81 25	
				404 75
1905.		Other sources—		
Sept. 22	699	Geo. E. Vincent.....	\$100 00	
Nov. 16	706	Dr. C. F. Hodge.....	100 00	
Nov. 16	707	C. W. Burkett.....	35 00	
Feb. 16	719	C. O. Hoyt.....	1 00	
				236 00
		Total receipts, current expense.....		\$123,581 75
1905.		Balance on hand.....		1,916 90
June 30				
1906.		To balance overdrawn.....		1,373 19
July 1				
		Total debits, current expense.....		\$126,871 84

## STATE OF MICHIGAN.

*Exhibit B.—Concluded.*

## ON ACCOUNT OF SPECIAL APPROPRIATIONS.

Date.	No. of receipt.	Of whom received.	Amount.	Totals.
1905.		Improvements on new grounds—		
July 4	690	State Treasurer.....	\$500 00	
July 4	691	Heating plant—S. C. A. building— State Treasurer.....	500 00	
July 4	692	Gymnasium entrance— State Treasurer.....	200 00	
July 4	693	Fire escape, main building— State Treasurer.....	1,500 00	
July 4	694	Electric wiring and fixtures, science building— State Treasurer.....	1,000 00	
July 4	695	Repairs on boilers— State Treasurer.....	600 00	
July 4	696	Organ repairs— State Treasurer.....	250 00	
Sept. 2	700	Second floor in library— State Treasurer.....	2,000 00	
1906.				
Mar. 1	721	State Treasurer.....	2,000 00	
1905.		Syphon jet closets—		
Sept. 2	701	State Treasurer.....	800 00	
Sept. 2	702	Steel ceiling in chapel— State Treasurer.....	1,500 00	
		Total receipts, special appropriations.....		<u>\$10,850 00</u>
		RECAPITULATION, DR.		
		Current expense, 1904-5.....	\$118,522 48	
		Current expense, 1905-6.....	126,871 84	
		Special appropriations, 1904-5.....	2,475 65	
		Special appropriations, 1905-6.....	10,850 00	
		Aggregate for all purposes for two years.....		<u>\$258,719 97</u>



## STATE BOARD OF EDUCATION.

79

## EXHIBIT C.

James H. Thompson, Treasurer, Cr., for fiscal year ending June 30, 1905.

## ON ACCOUNT OF CURRENT EXPENSE.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
<b>FORMER YEAR.</b>					
1904.					
July 29	8297	George Wahr.....	Library.....	\$14 28	
	8298	K. E. Gauss.....	Library.....	9 60	
	8299	Gas Consumers' Association...	Lights.....	2 50	
	8300	Ypsilanti Gas Co.....	Lights.....	26 90	
	8301	Wm. Densmore.....	Apparatus.....	2 19	
	8302	Henry A. Dreer, Inc.....	Apparatus.....	2 53	
	8303	Wallace & Clarke.....	Furniture.....	91 50	
	8304	The Ypsilantian.....	Printing.....	17 50	
	8305	H. Fairchild.....	Train. school sup.....	2 43	
	8306	Thomas Charles Co.....	Train. school sup.....	4 52	
	8307	Duane Spalsbury.....	Train. school sup.....	5 00	
	8308	Kenneth Anderson Mfg. Co.....	Repairs.....	7 01	
	8309	Ypsilanti Machine Works.....	Repairs.....	107 63	
	8310	Samuel Glanfield.....	Repairs.....	72 00	
	8311	City of Ypsilanti.....	Water rent.....	55 38	
					\$420 97
Sept. 14	8350	J. E. Engel.....	Repairs.....	\$14 60	
Sept. 23	8351	Washtenaw Light & Pow. Co.....	Lights.....	22 21	
	8352	H. R. Pattengill.....	Advertising.....	33 00	
	8353	Eberbach & Son.....	Laboratory.....	2 00	
					71 81
Oct. 28	8377	The Ypsilantian.....	Printing.....	\$1 75	
	8378	Lee Fuller.....	Train. school sup.....	7 00	
					8 75
Nov. 30	8437	J. Geo. Zwergel.....	Supplies.....	\$0 50	
	8438	Scharf Tag, Label & Box Co.....	Supplies.....	2 25	
					2 75
<b>PRESENT YEAR.</b>					
July 29	8312	Pay roll.....	Salaries.....	\$8,159 59	
	8313	F. L. Stewart, clerk.....	Sundries.....	66 87	
	8314	N. C. Schaeffer.....	Lectures.....	110 00	
	8315	C. H. French.....	Lectures.....	150 00	
	8316	Geo. E. Vincent.....	Lectures.....	200 00	
	8317	S. H. Clark.....	Lectures.....	250 00	
	8318	C. E. Cooper.....	Library.....	3 00	
	8319	W. M. Palmer Co.....	Library.....	25 13	
	8320	F. A. Brockhaus.....	Library.....	11 03	
	8321	S. E. Crawford.....	Library.....	2 50	
	8322	Foote Mineral Co.....	Apparatus.....	250 40	
	8323	Eberbach & Son.....	Laboratory.....	40 80	
	8324	C. H. Stolting Co.....	Apparatus.....	81 90	
	8325	Eberbach & Son.....	Laboratory.....	36 43	
	8326	Alfred C. Lane.....	Laboratory.....	32 00	
	8327				
	8328	Ypsilanti Machine Works.....	Repairs.....	58 75	
	8329	Kenneth Anderson Mfg. Co.....	Repairs.....	5 60	
	8330	Richmond & Backus Co.....	Supplies.....	4 50	
	8331	American Crayon Co.....	Supplies.....	5 50	
	8332	Mich. State Tel. Co.....	Telephone.....	19 50	
					9,513 50

## Exhibit C.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
Aug. 26	8333	Pay roll .....	Salaries .....	\$7,718 38	\$8,018 12
	8334	F. L. Stewart, clerk .....	Sundries .....	25 12	
	8335	M. Ethel Jameson .....	Library .....	2 00	
	8336	W. W. Karr .....	Library .....	11 35	
	8337	Lemcke & Buechner .....	Library .....	5 39	
	8338	Brush & Pencil Co. ....	Library .....	8 00	
	8339	Boston Book Co. ....	Library .....	14 27	
	8340	K. E. Gauss .....	Library .....	8 15	
	8341	Richmond & Backus Co. ....	General supplies .....	5 32	
	8342	Washtenaw Light & Pow. Co. ....	Lights .....	12 10	
	8343	Gas Consumer's Association .....	Lights .....	2 50	
	8344	W. O. Troub .....	Extra labor .....	12 00	
	8345	G. C. Smith .....	Extra labor .....	12 00	
	8346	Pittsburgh Plate Glass Co. ....	Repairs .....	3 27	
	8347	O. E. Thompson & Sons .....	Repairs .....	117 89	
	8348	E. B. McCullough Co. ....	Repairs .....	44 80	
	8349	Richmond & Backus Co. ....	Furniture .....	15 58	
Sept. 23	8354	Pay roll .....	Salaries .....	\$8,021 20	\$8,819 74
	8355	F. L. Stewart, clerk .....	Sundries .....	22 09	
	8356	Herbert Putnam .....	Library .....	10 00	
	8357	Scharf Tag, Label & Box Co. ....	Library .....	81 55	
	8358	Scharf Tag, Label & Box Co. ....	Library .....	34 00	
	8359	K. E. Gauss .....	Library .....	17 60	
	8360	Library Bureau .....	Library .....	12 25	
	8361	Cora E. DeWitt .....	Library .....	3 50	
	8362	W. Millard Palmer Co. ....	Library .....	33 95	
	8363	Detroit Free Press .....	Advertising .....	21 00	
	8364	Detroit Journal Co. ....	Advertising .....	10 00	
	8365	The Gateway .....	Advertising .....	12 50	
	8366	S. D. Childs & Co. ....	Supplies .....	110 00	
	8367	Richmond & Backus Co. ....	Supplies .....	43 50	
	8368	H. R. Scoville & Co. ....	Repairs .....	66 41	
	8369	Republic Oil Co. ....	Repairs .....	18 03	
	8370	J. E. Engle .....	Repairs .....	9 10	
	8371	Gas Consumer's Association .....	Lights .....	2 50	
	8372	W. N. Lister, P. M. ....	Postage .....	194 60	
Oct. 28	8373	Washtenaw Light & Pow. Co. ....	Lights .....	5 13	\$8,819 74
	8374	Thomas Charles Co. ....	Train. school sup. ....	64 02	
	8375	G. H. Gilmore & Co. ....	Repairs .....	16 81	
	8376	Florence S. Babbitt .....	Contingent .....	10 00	
	8379	Pay roll .....	Salaries .....	\$8,339 65	
	8380	L. H. Jones .....	Traveling expenses .....	37 95	
	8381	F. L. Stewart, clerk .....	Sundries .....	49 15	
	8382	George Wahr .....	Library .....	53 73	
	8383	Scharf Tag, Label & Box Co. ....	Library .....	125 85	
	8384	A. C. McClurg & Co. ....	Library .....	5 00	
	8385	Lemcke & Buechner .....	Library .....	12 14	
	8386	W. Millard Palmer Co. ....	Library .....	22 93	
	8387	B. F. Stevens & Brown .....	Library .....	53 63	
	8388	Henry Sanders .....	Library .....	2 50	
	8389	Moulton Pub. Co. ....	Library .....	40 00	
	8390	American Historical Ass'n .....	Library .....	3 00	
	8391	Scharf Tag, Label & Box Co. ....	Library .....	17 95	
	8392	Davis & Kishler .....	Train. school sup. ....	21 75	
	8393	F. J. Carpenter .....	Train. school sup. ....	13 10	
	8394	Peninsular Paper Co. ....	Train. school sup. ....	1 50	
	8395	Wadsworth, Howland & Co. ....	Train. school sup. ....	7 70	
	8396	Globe School Book Co. ....	Train. school sup. ....	3 24	
	8397	George W. Rowe .....	Train. school sup. ....	15 50	
	8398	Peninsular Paper Co. ....	Train. school sup. ....	33 90	
	8399	Houghton, Mifflin & Co. ....	Train. school sup. ....	4 34	
	8400	American Book Co. ....	Train. school sup. ....	5 76	
	8401	Maynard, Merrill & Co. ....	Train. school sup. ....	4 10	
	8402	Rand, McNally & Co. ....	Train. school sup. ....	14 76	
	8403	H. E. Stevens .....	Train. school sup. ....	7 10	
	8404	Dwight Lumber Co. ....	Train. school sup. ....	32 15	
	8405	The T. B. Rayl Co. ....	Train. school sup. ....	2 08	
	8406	J. George Zwergel .....	Train. school sup. ....	8 75	
	8407	Atlas School Supply Co. ....	Train. school sup. ....	2 80	
	8408	Ginn & Co. ....	Train. school sup. ....	5 18	
	8409	Thomas Charles Co. ....	Train. school sup. ....	38 90	
	8410	Thomas Charles Co. ....	Train. school sup. ....	60 69	
	8411	G. E. Stechert & Co. ....	Laboratory .....	13 80	

## STATE BOARD OF EDUCATION.

81

## Exhibit C.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1904 Oct. 28.	8412	Davis & Kishler.....	Gymnasium.....	\$1 20	
	8413	J. George Zwergel.....	Gymnasium.....	10 00	
	8414	Mich. State Tel. Co.....	Telephone.....	19 50	
	8415	Richmond & Backus Co.....	General supplies.....	22 75	
	8416	Press Printing Co.....	General supplies.....	8 75	
	8417	Sarah P. Stewart.....	Engross'g diplomas.....	16 50	
	8418	Guy L. Morey, Mgr.....	Advertising.....	2 00	
	8419	The Ypsilantian.....	Printing.....	47 90	
	8420	Remington Typewriter Co.....	General supplies.....	3 50	
	8421	Mack & Mack.....	Furniture.....	7 00	
	8422	Gas Consumers' Association.....	Lights.....	2 50	
	8423	Washtenaw Light & Pow. Co.....	Lights.....	4 20	
	8424	Alex. Y. Malcomson.....	Fuel.....	669 28	
	8425	Republic Oil Co.....	Repairs.....	52 50	
	8426	Electric Appliance Co.....	Repairs.....	20 00	
	8427	M. A. Willis.....	Repairs.....	42 58	
	8428	Kenneth Anderson Mfg. Co.....	Repairs.....	32 06	
	8429	J. H. Woodman.....	Repairs.....	15 12	
	8430	A. A. Naekel.....	Repairs.....	57 20	
	8431	F. I. Carpenter.....	Repairs.....	15 26	
	8432	Pittsburgh Plate Glass Co.....	Repairs.....	6 10	
	8433	G. H. Gilmore & Co.....	Repairs.....	96 65	
	8434	Ross Valve Co.....	Repairs.....	3 76	
					\$10,216 89
Nov. 11	8439	Chas. E. Samson.....	Piano rent.....	\$35 00	
Nov. 30	8440	Pay roll.....	Salaries.....	8,091 20	
	8441	W. Millard Palmer Co.....	Library.....	13 42	
	8442	Arcadius Avellanus.....	Library.....	1 25	
	8443	Arthur P. Schmidt.....	Library.....	1 63	
	8444	Free Library of Phila.....	Library.....	1 25	
	8445	The Western News Co.....	Library.....	1 75	
	8446	Max Weg.....	Library.....	5 12	
	8447	George Wahr.....	Library.....	54 87	
	8448	D. C. Heath & Co.....	Train. school sup.....	1 16	
	8449	Eberbach & Son.....	Train. school sup.....	9 77	
	8450	Silver, Burdette & Co.....	Train. school sup.....	16 50	
	8451	Silver, Burdette & Co.....	Train. school sup.....	8 34	
	8452	W. Millard Palmer Co.....	Train. school sup.....	6 14	
	8453	Mrs. E. H. Keavy.....	Train. school sup.....	16 44	
	8454	Narragansett Machine Co.....	Train. school sup.....	7 68	
	8455	W. H. Wheeler Co.....	Train. school sup.....	8 64	
	8456	Peninsular Paper Co.....	Train. school sup.....	5 10	
	8457	Jos. Dixon Crucible Co.....	Train. school sup.....	14 00	
	8458	The Storrs & Harrison Co.....	Laboratory.....	6 53	
	8459	Lightning Duplicator Co.....	Laboratory.....	5 00	
	8460	Wm. Gaertner & Co.....	Laboratory.....	14 00	
	8461	Eberbach & Son.....	Laboratory.....	7 15	
	8462	C. H. Stoelting Co.....	Laboratory.....	6 00	
	8463	Bausch & Lomb Optical Co.....	Laboratory.....	177 63	
	8464	Wallace & Clark.....	Gymnasium.....	4 00	
	8465	Geo. W. Minchin, P. M.....	Postage.....	10 00	
	8466	Mary Anderson.....	Tuition fee ret'd.....	3 00	
	8467	Scharf Tag, Label & Box Co.....	Printing.....	83 30	
	8468	The Fair.....	Repairs.....	3 13	
	8469	Ross Valve Co.....	Repairs.....	3 76	
	8470	Washtenaw Light & Pow. Co.....	Repairs.....	1 90	
	8471	Washtenaw Light & Pow. Co.....	Lights.....	21 19	
	8472	Jonathan Stanger.....	Repairs.....	45 00	
	8473	Gas Consumers' Association.....	Lights.....	2 50	
	8474	Ypsilanti Gas Works.....	Lights.....	109 10	
	8475	F. C. Wood.....	Repairs.....	7 25	
	8476	O. E. Thompson & Sons.....	Repairs.....	42 72	
	8477	G. H. Gilmore & Co.....	Repairs.....	16 43	
	8478	Electric Appliance Co.....	Repairs.....	1 44	
	8479	Hartford Insp. & Ins. Co.....	Boiler inspection.....	233 00	
					9,103 29
Dec. 16	8483	Wm. G. Johnson & Co.....	Library.....	\$7 00	
	8484	Wm. H. Rau.....	Apparatus.....	10 00	
	8485	Richmond & Backus Co.....	General supplies.....	4 75	
	8486	Atkinson, Mentzer & Groover.....	Train. school sup.....	23 76	
	8487	F. K. Rexford & Sons.....	Train. school sup.....	23 45	
	8488	Davis & Kishler.....	Train. school sup.....	8 87	
	8489	Eberbach & Sons.....	Train. school sup.....	3 80	
	8490	Mack & Mack.....	Furniture.....	12 50	
	8491	Alex. Y. Malcomson.....	Fuel.....	282 08	

## STATE OF MICHIGAN.

## Exhibit C.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1904					
Dec. 16	8492	Ypsilanti Gas Co.	Lights.	\$47 00	
	8493	Ypsilanti Machine Works.	Repairs.	6 20	
	8494	Pittsburgh Plate Glass Co.	Repairs.	3 46	
	8495	Bishop & Babcock Co.	Repairs.	3 50	
	8496	Augsbach Bros.	Repairs.	12 50	
	8497	Pay roll.	Salaries.	8,229 08	
Dec. 31	8498	F. L. Stewart, clerk.	Sundries.	67 85	
	8499	F. L. Stewart, clerk.	Sundries.	38 13	
	8500	Benj. H. Sanborn & Co.	Library.	3 02	
	8501	E. H. Otting.	Library.	2 00	
	8502	Novello, Euer & Co.	Library.	11 15	
	8503	Wm. E. Mickle.	Library.	1 75	
	8504	Julius Kuhlman.	Library.	4 00	
	8505	Galloway & Porter.	Library.	85 52	
	8506	T. H. McAllister.	Apparatus.	14 25	
	8507	Wm. Notman & Son.	Apparatus.	6 32	
	8508	C. K. King & Co.	Train. school sup.	29 97	
	8509	Ginn & Co.	Train. school sup.	8 00	
	8510	Davis & Co.	Train. school sup.	22 65	
	8511	J. E. Engle.	Train. school sup.	3 50	
	8512	Richmond & Backus Co.	Train. school sup.	7 50	
	8513	Sarah P. Stewart.	Eng. diplomas.	10 50	
	8514	Josephine Wallace.	Fee refunded.	3 00	
	8515	Maisie Fitts.	Fee refunded.	3 00	
	8516	Ruth Cushman.	Fee refunded.	1 50	
	8517	Zayda B. Fish.	Fee refunded.	3 00	
	8518	W. N. Lister, P. M.	Postage.	21 20	
	8519	L. P. Jocelyn, Secretary.	Advertising.	50 00	
	8520	George Wahr.	General supplies.	4 00	
	8521	S. D. Childs & Co.	Diplomas.	195 00	
	8522	C. King & Co.	General supplies.	17 95	
	8523	Pittsburgh Plate Glass Co.	Repairs.	5 88	
	8524	R. H. Brabb.	Furniture.	6 00	
	8525	Ang. Moeller & Son.	Repairs.	25 00	
	8526	American Blower Co.	Repairs.	14 20	
	8527	M. A. Willis.	Repairs.	70 17	
	8528	F. C. Wood.	Extra labor.	7 95	
	8529	Gas Consumers' Association.	Lights.	2 50	
	8530	Washtenaw Light & Pow. Co.	Lights.	28 41	
					\$9,450 59
1905.					
Jan. 31	8531	Edward A. Carpenter.	Repairs.	\$17 69	
	8532	St. Louis Biol. Lab.	Apparatus.	55 00	
	8533	Mrs. E. H. Keavy.	Train. school sup.	5 23	
	8534	L. H. Jones.	Traveling expenses.	4 18	
	8535	T. B. Rayl Co.	Repairs.	10 20	
	8536	Alex. Y. Malcomson.	Fuel.	247 84	
	8537	Pay roll.	Salaries.	8,530 10	
	8538	F. L. Stewart, clerk.	Sundries.	52 45	
	8539	Library Bureau.	Library.	5 00	
	8540	W. Millard Palmer Co.	Library.	390 29	
	8541	Richard Davis.	Library.	2 00	
	8542	George Wahr.	Library.	24 60	
	8543	Old Corner Book Store.	Library.	5 00	
	8544	George Wahr.	Library.	11 54	
	8545	Scharf Tag, Label & Box Co.	Library.	59 15	
	8546	F. C. Wood.	Repairs.	8 25	
	8547	Jesse Alchin.	Repairs.	28 50	
	8548	H. R. Scoville & Co.	Repairs.	54 39	
	8549	Press Printing Co.	Printing.	16 75	
	8550	The Ypsilantian.	Printing.	41 75	
	8551	Scharf Tag, Label & Box Co.	Printing.	18 60	
	8552	Gas Consumers' Association.	Lights.	2 50	
	8553	Washtenaw Light & Pow. Co.	Lights and repairs.	36 70	
	8554	Ypsilanti Gas Co.	Lights and repairs.	61 40	
	8555	Harding & Shaefer.	General supplies.	56 31	
	8556	J. George Zwergel.	General supplies.	14 52	
	8557	Milwaukee D. B. Co.	General supplies.	6 56	
	8558	Scharf Tag, Label & Box Co.	Train. school sup.	6 85	
	8559	Maynard, Merrill & Co.	Train. school sup.	1 50	
	8560	George Wahr.	Train. school sup.	2 40	
	8561	Eberbach & Son.	Apparatus.	1 80	
	8562	Keuffell & Esser Co.	Apparatus.	5 00	
	8563	Wagner Bros. & Co.	Apparatus.	3 30	
	8564	Detroit Photographic Co.	Laboratory.	45 80	
	8565	J. B. Steere.	Laboratory.	2 00	
	8566	Eberbach & Son.	Laboratory.	124 00	

## Exhibit C.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905					
Jan. 31	8567	Alex. Y. Malcomson.....	Fuel.....	\$267 04	
	8568	City of Ypsilanti.....	Water tax.....	147 80	
	8569	Wallace & Clark.....	Furniture.....	6 40	
	8570	Mich. State Tel. Co.....	Telephone.....	19 50	
	8571	Estelle E. Taylor.....	Tuition refunded...	3 00	
	8572	W. N. Lister, P. M.....	Postage.....	50 00	
	8573	Geo. W. Minchin, P. M.....	Postage.....	10 00	
	8574	G. W. Minchin.....	Printing.....	3 45	
					\$10,466 34
Feb. 28	8575	Pay roll.....	Salaries.....	\$7,768 40	
	8576	W. W. Willoughby, secretary.....	Library.....	3 00	
	8577	R. S. Clifton, Asst. Sec'y.....	Library.....	3 00	
	8578	Rand, McNally & Co.....	Library.....	15 33	
	8579	Rogers, Weinman & Matthews.....	Laboratory.....	4 35	
	8580	Wm. Gaertner & Co.....	Laboratory.....	10 35	
	8581	Davis & Kishlar.....	Gymnasium.....	14 35	
	8582	Narragansett Machine Co.....	Train. school sup.....	3 68	
	8583	Lyon & Healy.....	Train. school sup.....	3 16	
	8584	Nature Study Review.....	Train. school sup.....	3 00	
	8585	Richmond & Backus Co.....	General supplies.....	6 93	
	8586	Thomas Charles Co.....	General supplies.....	30 98	
	8587	Ypsilanti Daily Press.....	Advertising.....	50 00	
	8588	Robt. Reinhold, Gen. Mgr.....	Advertising.....	200 00	
	8589	Remington Typewriter Co.....	General supplies.....	7 00	
	8590	Celestia Eddy.....	Fee refunded.....	3 00	
	8591	Ypsilanti Machine Works.....	Repairs.....	72 75	
	8592	Pittsburgh Plate Glass Co.....	Repairs.....	4 90	
	8593	Milwaukee D. Brush Co.....	Repairs.....	2 25	
	8594	M. A. Willis.....	Repairs.....	87 60	
	8595	Atkinson, Mentzer & Grover.....	Repairs.....	3 00	
	8596	K. Anderson Mfg. Co.....	Repairs.....	1 50	
	8597	Ypsilanti Gas Co.....	Fuel and lights.....	160 36	
	8598	Alex. Y. Malcomson.....	Fuel.....	666 88	
	8599	Gas Consumers' Association.....	Lights.....	2 50	
	8600	Washtenaw Light & Pow. Co.....	Lights.....	29 41	
	8601	Frank Stowell.....	Fuel.....	440 11	
	8602	F. C. Wood.....	Repairs.....	12 75	
					9,610 54
Mar. 13	8606	W. N. Lister, P. M.....	Postage.....	\$90 00	
Mar. 31	8607	Pay roll.....	Salaries.....	8,492 30	
	8608	F. L. Stewart, clerk.....	Sundries.....	86 53	
	8609	F. L. Stewart, clerk.....	Sundries.....	91 95	
	8610	Religious Educ. Association.....	Library.....	5 00	
	8611	W. W. Karr.....	Library.....	16 30	
	8612	Dodd, Mead & Co.....	Library.....	5 63	
	8613	Scharf Tag, Label & Box Co.....	Library.....	19 30	
	8614	George Wahr.....	Library.....	13 86	
	8615	Novello Ewer Co.....	Library.....	10 85	
	8616	Hub Magazine Co.....	Library.....	3 56	
	8617	Library Bureau.....	Library.....	5 66	
	8618	Lemcke & Buechner.....	Library.....	47 07	
	8619	Eberbach & Son.....	Train. school sup.....	4 63	
	8620	W. W. Worden.....	Train. school sup.....	1 95	
	8621	George W. Rowe.....	Apparatus.....	10 75	
	8622	Henry H. Shufeldt.....	Laboratory.....	20 10	
	8623	A. B. Porter.....	Laboratory.....	11 33	
	8624	Caroline L. Towner.....	Piano rent.....	16 00	
	8625	Foot Mineral Co.....	Laboratory.....	18 45	
	8626	A. A. Sphung.....	Laboratory.....	3 00	
	8627	Eberbach & Son.....	Laboratory.....	37 45	
	8628	Harding & Schaefer.....	Laboratory.....	14 30	
	8629	W. M. Lister, P. M.....	Postage.....	117 40	
	8630	Richmond & Backus Co.....	General supplies.....	2 25	
	8631	H. R. Pattengill.....	Advertising.....	16 50	
	8632	Maisie Fitts.....	Fee refunded.....	3 00	
	8633	S. D. Childs & Co.....	General supplies.....	50 00	
	8634	The A. H. Andrews Co.....	General supplies.....	9 00	
	8635	Peninsular Eng. Co.....	General supplies.....	39 63	
	8636	Scharf Tag, Label & Box Co.....	Catalogs.....	154 49	
	8637	Harding & Schaefer.....	Repairs.....	12 03	
	8638	Ypsilanti Gas Co.....	Lights.....	56 45	
	8639	Gas Consumers' Association.....	Lights.....	2 50	
	8640	Washtenaw Light & Pow. Co.....	Lights.....	33 67	
	8641	K. Anderson Mfg. Co.....	Repairs.....	14 45	
	8642	F. C. Wood.....	Repairs.....	13 95	

## STATE OF MICHIGAN.

## Exhibit C.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905 Mar. 31.	8643	John S. Lang.....	Repairs.....	\$31 45	
	8644	Wallace & Clark.....	Repairs.....	13 40	
	8645	Electric Appliance Co.....	Repairs.....	9 54	
	8646	Alex. Y. Malcomson.....	Fuel.....	732 32	
	8647	Frank Stowell.....	Fuel.....	328 21	
	8648	Jesse Alchin.....	Repairs.....	20 00	
	8649	Republic Oil Co.....	Repairs.....	18 38	
					\$10,704 58
April 29	8653	Pay roll.....	Salaries.....	\$8,132 15	
	8654	F. L. Stewart, clerk.....	Sundries.....	58 35	
	8655	E. A. Lyman.....	Traveling expenses.....	4 60	
	8656	S. B. Laird.....	Traveling expenses.....	2 18	
	8657	R. C. Ford.....	Traveling expenses.....	9 23	
	8658	L. H. Jones.....	Traveling expenses.....	7 04	
	8659	L. H. Jones.....	Traveling expenses.....	6 50	
	8660	L. H. Jones.....	Traveling expenses.....	9 51	
	8661	Lencke & Buechner.....	Apparatus.....	6 21	
	8662	Sarah P. Stewart.....	Engrav. diplomas.....	7 00	
	8663	Mich. State Tel. Co.....	Telephone.....	16 50	
	8664	Lightning Duplicator Co.....	General supplies.....	1 70	
	8665	S. D. Childs & Co.....	General supplies.....	40 00	
	8666	Mack & Mack.....	Furniture.....	1 50	
	8667	Alex. Y. Malcomson.....	Fuel.....	485 44	
	8668	Fairmont Coal Co.....	Fuel.....	160 42	
	8669	Gas Consumers' Association.....	Lights.....	2 50	
	8670	Ypsilanti Gas Co.....	Lights.....	63 20	
	8671	Washtenaw Light & Pow. Co.....	Lights.....	24 19	
	8672	K. Anderson Mfg. Co.....	Repairs.....	2 40	
	8673	Storrs & Harrison Co.....	Repairs.....	12 52	
	8674	Duane Spaulsburry.....	Train. school sup.....	1 20	
	8675	The Ypsilantian.....	Printing.....	17 15	
	8676	Geo. W. Minchin, P. M.....	Postage.....	10 00	
	8677	Press Printing Co.....	Advertising.....	45 75	
	8678	Eberbach & Son.....	Apparatus.....	8 30	
					9,135 54
May 31	8679	Pay roll.....	Salaries.....	\$8,578 70	
	8680	F. L. Stewart, clerk.....	Sundries.....	53 58	
	8681	L. H. Jones.....	Traveling expenses.....	48 96	
	8682	L. H. Jones.....	Traveling expenses.....	4 18	
	8683	M. S. W. Jefferson.....	Traveling expenses.....	4 34	
	8684	F. A. Brockhans.....	Library.....	47 49	
	8685	Goodspeed's Book Shop.....	Library.....	25 00	
	8686	Scharf Tag, Label & Box Co.....	Library.....	68 70	
	8687	George Wahr.....	Library.....	43 59	
	8688	George Wahr.....	Library.....	40 74	
	8689	Charles H. Ward.....	Apparatus.....	6 50	
	8690	A. W. Mumford.....	Apparatus.....	7 40	
	8691	Eberbach & Son.....	Laboratory.....	4 53	
	8692	Alex. Y. Malcomson.....	Fuel.....	658 08	
	8693	Ypsilanti Gas Co.....	Lights.....	26 40	
	8694	Washtenaw Light & Pow. Co.....	Lights.....	15 63	
	8695	K. Anderson Mfg. Co.....	Repairs.....	13 70	
	8696	Pittsburgh Plate Glass Co.....	Repairs.....	5 39	
	8697	Frank Stowell.....	Fuel.....	34 64	
	8698	F. C. Wood.....	Repairs.....	15 00	
	8699	Gas Consumers' Association.....	Lights.....	2 50	
	8700	J. C. Engel.....	Repairs.....	5 25	
	8701	G. H. Gilmore & Co.....	Repairs.....	19 55	
	8702	American Crayon Co.....	General supplies.....	5 50	
	8703	Scharf Tag, Label & Box Co.....	Printing and sup.....	569 45	
	8704	Thomas Charles Co.....	General supplies.....	31 41	
	8705	H. E. Stevens.....	Furniture.....	5 80	
	8706	Thomas Charles Co.....	Gen. sup., tr. sch.....	2 40	
	8707	Lyon & Healy.....	Gen. sup., tr. sch.....	2 05	
	8708	Wadsworth, Howland & Co.....	Gen. sup., tr. sch.....	13 64	
	8709	H. Fairchild.....	Gen. sup., tr. sch.....	10 78	
	8710	C. H. Evans & Co.....	Printing.....	5 00	
	8711	Ann Arbor Music Co.....	Music.....	20 00	
	8712	W. Millard Palmer Co.....	Library.....	61 32	
					10,457 20

## STATE BOARD OF EDUCATION.

85

## Exhibit C.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905					
June 21	8713	Pay roll .....	Salaries .....	\$8,182 15	
June 30	8714	L. H. Jones .....	Traveling expenses.	21 26	
	8715	Frances L. Stewart, clerk .....	Sundries .....	40 37	
	8716	Scharf Tag, Label & Box Co. ....	Library .....	53 90	
	8717	Jersey City Book Co. ....	Library .....	6 00	
	8718	George Wahr .....	Library .....	18 84	
	8719	Frank Stanton .....	Library .....	6 00	
	8720	B. F. Stevens & Brown .....	Library .....	76 95	
	8721	Frances P. Harper .....	Library .....	4 95	
	8722	National Ed. Association .....	Library .....	2 00	
	8723	Gebruder Borntraeger .....	Library .....	6 74	
	8724	Harding & Shaffer .....	Laboratory .....	19 23	
	8725	G. E. Waterman .....	Laboratory .....	3 50	
	8726	Eberbach & Son .....	Laboratory .....	48 55	
	8727	Ward's Nat. Sci. Est. ....	Apparatus .....	11 30	
	8728	Geo. W. Rowe .....	Apparatus .....	10 75	
	8729	Davis & Co. ....	Training school .....	39 84	
	8730	C. King & Co. ....	Training school .....	46 20	
	8731	Atkinson, Mentzer & Grover .....	Training school .....	16 00	
	8732	Davis & Kishlar .....	Training school .....	13 74	
	8733	Normal College News .....	Advertising .....	110 00	
	8734	The Palmer Co. ....	Advertising .....	15 00	
	8735	J. H. Shults .....	Advertising .....	7 80	
	8736	Richmond & Backus Co. ....	Supplies .....	5 50	
	8737	S. D. Childs & Co. ....	Supplies .....	45 00	
	8738	Remington Typewriter Co. ....	Supplies .....	3 50	
	8739	F. S. Webster Co. ....	Supplies .....	4 46	
	8740	Ypsilanti Daily Press .....	Printing .....	15 50	
	8741	W. N. Lister, P. M. ....	Postage .....	167 24	
	8742	Edmund A. Carpenter .....	Repairs .....	6 40	
	8743	C. King & Co. ....	Repairs .....	8 70	
	8744	W. A. Willis .....	Repairs .....	33 57	
	8745	H. W. Shepherd .....	Repairs .....	3 00	
	8746	North Gass .....	Repairs .....	13 90	
	8747	A. H. Andrews Co. ....	Repairs .....	41 76	
	8748	F. C. Wood .....	Repairs .....	6 40	
	8749	A. G. Nackel .....	Repairs .....	29 31	
	8750	August Moeller & Son .....	Repairs .....	25 00	
	8751	Jonathan Stranger .....	Repairs .....	78 00	
	8752	J. E. Engle .....	Repairs .....	10 00	
	8753	Kenneth Anderson Co. ....	Repairs .....	19 35	
	8754	Ypsilanti Gas Co. ....	Lights .....	40 50	
	8755	Washtenaw Light & Pow. Co. ....	Lights .....	21 53	
	8756	Gas Consumers' Association .....	Lights .....	2 50	
	8757	Mack & Mack .....	Furniture .....	20 50	
	8758	Minna J. Zorman .....	Extra labor .....	60 00	
	8759	Floyd Markham .....	Natural science .....	5 15	
	8760	S. E. Crawford .....	Natural science .....	125 00	
	8761	Detroit Photo. Co. ....	Natural science .....	2 00	
	8762	H. A. Fairbanks .....	Natural science .....	55 80	
	8763	Norman A. Wood .....	Natural science .....	30 00	
	8764	John C. Fischer .....	Natural science .....	8 40	
	8765	J. B. Colt Co. ....	Natural science .....	6 00	
	8766	Benj. H. Sanbourn Co. ....	Training school .....	94 30	
	8767	George R. Angell Co. ....	Drawing .....	1 68	
	8768	H. R. Pattengill .....	Advertising .....	16 50	
	8769	Richmond & Backus Co. ....	Supplies .....	8 50	
	8770	Mrs. E. H. Keavey .....	Supplies .....	16 73	
	8771	Glen Mills .....	Supplies .....	3 00	
	8772	Davis & Kishlar .....	Supplies .....	19 13	
	8773	Sarah P. Stewart .....	Diplomas .....	62 00	
	8774	F. L. Stewart, clerk .....	Sundries .....	110 69	
	8775	Mary E. McDowell .....	Lectures .....	50 00	
	8776	Phil. Book Store .....	Library .....	1 90	
	8777	Boston Book Store .....	Library .....	11 85	
	8778	Library Bureau .....	Library .....	8 50	
	8779	W. Millard Palmer .....	Library .....	5 00	
	8780	Alex. Y. Malcomson .....	Fuel .....	540 15	
					\$10,604 97
1905.		Total disbursements, current expense .....			\$118,605 58
July 1		Balance on hand .....			1,916 90
		Total credits, current expense .....			\$118,522 48

## STATE OF MICHIGAN.

*Exhibit C.—Concluded.*

## ON ACCOUNT OF SPECIAL APPROPRIATIONS.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1904.		Erection of Science Bldg—			
Oct. 5	8435	Buffalo Forge Co.....	Contract.....	\$580 77	
Oct. 5	8436	Buffalo Forge Co.....	Contract.....	365 00	
1905.					
Feb. 28	8603	Jas. Walker & Son.....	Material.....	202 48	
Feb. 28	8604	M. A. Willis.....	Labor.....	96 00	
Mar. 31	8650	Harding & Shaefer.....	Material.....	32 80	
June 30	8785	Harding & Shaefer.....	Material.....	7 84	\$1,284 89
1904.		Fitting up Geograph'l Lab'y—			
Nov. 30	8480	Comstock Sash, L. & N. Co...	Labor and material	\$4 35	
	8481	L. Black Co.....	Supplies.....	12 40	
	8482	Geo. Fuller & Son.....	Supplies.....	7 50	
1905.					
Feb. 28	8605	Detroit Photo. Co.....	Lantern slides....	18 72	
Mar. 31	8651	The Copp Clarke Co., Ltd....	Maps.....	6 00	
	8652	R. M. Edwards.....	Maps.....	2 00	
June 30	8781	Little, Brown & Co.....	Apparatus.....	12 11	
	8782	J. L. Hammett Co.....	Apparatus.....	16 80	
	8783	Rand, McNally & Co.....	Apparatus.....	8 40	
	8784	Henry J. Green.....	Apparatus.....	2 48	90 76
1905.		Total disbursements, special appropriations.....			\$1,375 65
July 1		Balance on hand.....			1,100 00
		Total credits, special appropriations.....			\$2,475 65
		Total credits, current expense.....			118,522 48
		Aggregate credits for fiscal year.....			\$120,998 13



## STATE BOARD OF EDUCATION.

87

## EXHIBIT D.

*Luther L. Wright, Treasurer, Cr., for fiscal year ending June 30, 1906.*

## ON ACCOUNT OF CURRENT EXPENSE.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
<b>FORMER YEAR.</b>					
1905.					
July 31	8786	Harding & Shaefer.....	Laboratory.....	\$23 13	
	8787	Univ. of Chicago Press.....	Laboratory.....	7 50	
	8788	Ward's Nat. Sci. Est.....	Laboratory.....	2 20	
	8789	Max M. Peet.....	Laboratory.....	92 40	
	8790	H. R. Scovill Co.....	Repairs.....	59 27	
	8791	Pittsburgh Plate Glass Co.....	Repairs.....	4 38	
	8792	Wallace & Clarke.....	Repairs.....	158 50	
	8793	Ypsilanti Gas Co.....	Fuel.....	44 90	
	8794	Gas Consumers' Association.....	Lights.....	2 50	
	8795	Eberbach & Son.....	Train. school sup.....	10 60	
	8796	J. Geo. Zwergel.....	Train. school sup.....	58 26	
	8797	Washtenaw Light & Pow. Co.....	Lights.....	19 49	
	8798	Herbert G. Schell.....	Printing.....	3 75	
	8799	The Ypsilantian.....	Printing.....	13 00	
	8800	May Holamn.....	Tuition refunded.....	3 00	
					\$502 88
Aug. 25	8815	Davis & Co.....	Train. school sup.....	\$7 38	
	8816	Trim & McGregor.....	Train. school sup.....	3 46	
	8817	J. S. Lathers.....	Commencement.....	14 41	
	8818	North Gass.....	Repairs.....	2 50	
	8819	H. R. Scovill Co.....	Repairs.....	48 28	
	8820	Chandler & Barber.....	Furniture.....	135 00	
	8821	Franz Schmidt & Haensch.....	Apparatus.....	9 55	
	8822	Eugene Albrecht.....	Apparatus.....	9 85	
	8823	Eberbach & Son.....	Laboratory.....	72 57	
	8824	E. D. Leddy.....	Printing.....	11 75	
	8825	Ypsilanti Daily Press.....	Printing.....	31 50	
	8826	G. M. Hull.....	General supplies.....	20 25	
	8827	Washtenaw Light & Pow. Co.....	Repairs.....	26 44	
					392 94
Sept. 30	8857	G. H. Gilmore & Co.....	Repairs.....	\$19 05	
	8858	City of Ypsilanti.....	Water rent.....	436 65	
	8859	W. E. McLeod.....	General supplies.....	122 50	
	8860	Scharf Tag, Label & Box Co.....	Printing.....	69 56	
					647 76
Oct. 25	8898	W. W. Worden.....	Manual training.....	\$5 88	
	8899	Bausch & Lomb Opt. Co.....	Laboratory.....	150 02	
	8900	M. A. Willis.....	Repairs.....	57 83	
	8900½	Ypsilanti Daily Press.....	Advertising.....	4 80	
					218 53
Nov. 24	8967	Harding & Shaefer.....	Repairs.....	\$54 98	
	8968	E. A. Strong.....	Apparatus.....	12 75	
	8969	F. R. Gorton.....	Apparatus.....	10 45	
					78 48
Dec. 29	9035 1-5	R. Burger & Co.....	Physical science.....	\$36 89	
	9035 2-5	A. Allerman.....	Physical science.....	32 21	
	9035 3-5	John S. Lang.....	Repairs.....	6 35	
	9035 4-5	Davis & Kishlor.....	Supplies.....	1 16	
					76 61
<b>PRESENT YEAR.</b>					
1905.					
July 29	8801	Pay roll.....	Salaries.....	\$8,902 05	
July 31	8802	Richmond & Backus Co.....	General supplies.....	38 30	
	8803	A. G. Andrews Co.....	Repairs.....	41 76	
July 5	8804	Edward F. Bigelow.....	Lectures.....	175 00	
	8805	N. J. Rubinkam.....	Lectures.....	100 00	
July 31	8806	George Wahr.....	Library.....	54 67	
	8807	F. A. Brockhaus.....	Library.....	70 68	
	8808	E. V. Andrews.....	Library.....	24 00	
	8809	Mich. State Tel. Co.....	Telephone.....	18 00	
	8810	Ypsilanti Daily Press.....	Printing.....	6 40	
July 21	8811	George E. Vincent.....	Lectures.....	100 00	
	8812	C. W. Burdett.....	Lectures.....	35 00	
July 5	8813	C. F. Hodge.....	Lectures.....	100 00	
					9,665 86

## STATE OF MICHIGAN.

## Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905 Aug. 25	8828	Pay roll .....	Salaries .....	\$8,607 49	
	8829	F. L. Stewart, clerk .....	Sundries .....	97 52	
	8830	Sam'l N. Rhoads .....	Library .....	1 90	
	8831	Publisher's Weekly .....	Library .....	6 00	
	8832	Holcomb Mfg. Co. ....	Repairs .....	4 50	
	8833	Michigan Ladder Co. ....	Repairs .....	11 80	
	8834	Syracuse Extract Co. ....	Repairs .....	10 75	
	8835	Keystone View Co. ....	Apparatus .....	72 00	
	8836	Eberbach & Son .....	Laboratory .....	152 78	
	8837	Wards' Nat. Sci. Estab. ....	Laboratory .....	47 25	
	8838	The Scientific Shop .....	Apparatus .....	6 13	
	8839	Alice E. Ruth .....	Fee refunded .....	3 00	
	8840	Ada Greenfield .....	Fee refunded .....	3 00	
	8841	C. F. Hodge .....	Lectures .....	100 00	
	8842	C. W. Burkett .....	Lectures .....	35 00	
	8843	Geo. E. Vincent .....	Lectures .....	100 00	
	8844	Thomas Charles Co. ....	Train. school sup. ....	8 94	
	8845	Rand, McNally & Co. ....	Train. school sup. ....	6 48	
	8846	Hammacher, Schlemmer Co. ....	Train. school sup. ....	13 88	
	8847	Ypsilanti Gas Co. ....	Lights .....	28 75	
	8848	Gas Consumers' Association .....	Lights .....	2 50	
	8849	Washtenaw Light & Pow. Co. ....	Lights .....	16 11	
	8850	Sarah P. Stewart .....	Eng. diplomas .....	24 50	
	8851	City of Ypsilanti .....	Water .....	55 00	
	8852	Geo. W. Minchin, P. M. ....	Postage .....	10 00	
					\$9,425 28
Sept. 30	8861	Pay roll .....	Salaries .....	\$8,517 20	
	8862	F. L. Stewart, clerk .....	Sundries .....	28 70	
	8863	Scharf Tag, Label & Box Co. ....	Library .....	25 85	
	8864	H. R. Hunting & Co. ....	Library .....	1 00	
	8865	W. Millard Palmer Co. ....	Library .....	9 00	
	8866	Thomas Charles Co. ....	Train. school sup. ....	16 08	
	8867	Grasselli Chem. Co. ....	Laboratory .....	48 37	
	8868	W. N. Lister, P. M. ....	Postage .....	101 80	
	8869	Richmond & Backus Co. ....	General supplies .....	10 50	
	8870	Sumner School Daily .....	Advertising .....	25 00	
	8871	Detroit Journal Co. ....	Advertising .....	12 50	
	8872	Gateway Pub. Co. ....	Advertising .....	12 50	
	8873	Evening News Association .....	Advertising .....	16 00	
	8874	Detroit Free Press .....	Advertising .....	21 00	
	8875	Mack & Mack .....	Furniture .....	6 50	
	8876	Pittsburgh Plate Glass Co. ....	Repairs .....	8 53	
	8877	Gas Consumers' Association .....	Lights .....	2 50	
	8878	Mich. Emp. Inst. for Blind .....	General supplies .....	22 20	
	8879	Washtenaw Light & Pow. Co. ....	Lights .....	6 40	
	8880	Ypsilanti Gas Co. ....	Lights .....	4 60	
	8881	Republic Oil Co. ....	Repairs .....	23 38	
	8882	Imperial Brush Co. ....	Repairs .....	54 85	
	8883	O. E. Thompson & Sons .....	Repairs .....	5 85	
					8,980 31
Oct. 31	8901	Pay roll .....	Salaries .....	\$8,954 35	
Oct. 25	8902	L. H. Jones .....	Traveling expenses .....	6 35	
	8903	L. H. Jones .....	Traveling expenses .....	6 25	
	8904	Garlock Packing Co. ....	Repairs .....	14 96	
	8905	A. G. Naekel .....	Repairs .....	12 26	
	8906	Pittsburgh Plate Glass Co. ....	Repairs .....	12 70	
	8907	Jas. Walker & Son .....	Repairs .....	1 44	
	8908	Wm. Inglis Wire & Iron Wks. ....	Repairs .....	32 00	
	8909	Washtenaw Light & Pow. Co. ....	Repairs .....	6 07	
	8910	W. F. Waidner .....	Extra labor .....	30 25	
	8911	H. R. Scovill Co. ....	Repairs .....	114 92	
	8912	W. L. McCoullough Co. ....	Repairs .....	7 00	
	8913	Washtenaw Light & Pow. Co. ....	Lights .....	5 04	
	8914	Gas Consumers' Association .....	Lights .....	2 50	
	8915	Ypsilanti Gas Co. ....	Lights .....	15 60	
	8916	Houghton, Mifflin Co. ....	Train. school sup. ....	5 89	
	8917	G. & C. Merriam Co. ....	Train. school sup. ....	9 25	
	8918	The Outlook Co. ....	Train. school sup. ....	2 75	
	8919	Gaylord Bros. ....	Train. school sup. ....	1 80	
	8920	Chas. E. Samson .....	Train. school sup. ....	35 00	
	8921	J. Geo. Zwergel .....	Train. school sup. ....	8 63	
	8922	Eberbach & Son .....	Train. school sup. ....	8 75	
	8923	The Davis Press .....	Train. school sup. ....	3 40	
	8924	Davis & Kishlar .....	Train. school sup. ....	18 37	
	8925	Geo. W. Rowe .....	Train. school sup. ....	30 00	
	8926	The T. B. Rayl Co. ....	Train. school sup. ....	3 90	

## STATE BOARD OF EDUCATION.

89

## Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
Oct. 25	8927	Silver, Burdett & Co.	Train. school sup.	\$29 17	
	8928	Prang Educational Co.	Train. school sup.	1 59	
	8929	The MacMillan Co.	Train. school sup.	7 20	
	8930	J. F. King, Bus. Mgr.	Advertising	1 75	
	8931	George Wahr	Library	32 90	
	8932	M. J. Hamilton	Library	1 25	
	8933	Nat. Geographic Society	Library	2 00	
	8934	Alex. McCance	Library	4 00	
	8935	Library Bureau	Library	19 90	
	8936	Boston Book Co.	Library	17 55	
	8937	Clarence W. Bowen, Jr.	Library	3 00	
	8938	Smithsonian Institution	Library	13 10	
					\$9,482 84
Oct. 25	8939	B. F. Stevens & Brown	Library	\$53 33	
	8940	Central Scientific Co.	Apparatus	12 15	
	8941	Lawrence Bruner	Apparatus	3 00	
	8942	Eberbach & Son	Apparatus	75 85	
	8943	Keuffel & Esser Co.	Apparatus	1 65	
	8944	Scharf Tag, Label & Box Co.	General supplies	34 90	
	8945	Open Court Pub. Co.	Apparatus	10 00	
	8946	Lida Clark	Apparatus	10 00	
	8947	F. K. Rexford & Sons	Repairs	108 95	
	8948	Remington Typewriter Co.	General supplies	14 00	
	8950	Oliver Typewriter Co.	General supplies	13 18	
	8949	J. Geo. Zwergel	General supplies	3 81	
	8951	The Ypsilantian	Printing	52 00	
					9,875 66
Nov. 30	8970	Pay roll	Salaries	\$8,797 30	
Nov. 24	8971	L. H. Jones	Traveling expenses	48 09	
	8972	J. W. Stevens	Traveling expenses	12 68	
	8973	F. L. Stewart, clerk	Sundries	59 30	
	8974	F. L. Stewart, clerk	Sundries	44 05	
	8975	Neil Monroe, Ladd Bk. Co.	Library	2 24	
	8976	Old Corner Book Store	Library	4 45	
	8977	L. C. Ferrell	Library	15 00	
	8978	The H. W. Wilson Co.	Library	15 00	
	8979	Lemcke & Buechner	Library	7 10	
	8980	Herbert Putman, librarian	Library	10 00	
	8981	Stevens & Brown	Library	39 95	
	8982	McDevitt Wilson	Library	1 73	
	8983	P. Stammer	Library	3 50	
	8984	Jas. F. Meegan	Library	2 50	
	8985	Peabody Institute	Library	28 50	
	8986	Am. Polit. Sci. Ass'n	Library	3 00	
	8987	C. W. Bardeen	Library	1 43	
	8988	John W. Cadby	Library	6 22	
	8989	Kewjon News & Postal Co.	Library	1 35	
	8990	H. R. Hunting & Co.	Library	2 19	
	8991	H. W. Shepard	Chem. lab.	2 00	
	8992	Bausch & Lomb Opt. Co.	Chem. lab.	46 13	
	8993	Imperial Brush Co.	Chem. lab.	6 02	
	8994	A. B. Porter	Phys. lab.	4 50	
	8995	The Davis Press	Draw. apparatus	2 00	
	8996	Thos. Charles Co.	Draw. apparatus	2 60	
	8997	D. J. Doig	Draw. apparatus	15 00	
	8998	The Open Court Pub. Co.	Draw. apparatus	10 50	
	8999	J. Geo. Zwergel	Gym. apparatus	26 00	
	9000	Ypsilanti Daily News	Training school	17 75	
	9001	Wadsworth Howland Co.	Training school	31 47	
	9002	Dwight Lumber Co.	Training school	35 36	
	9003	Rand, McNally Co.	Training school	19 20	
	9004	D. C. Heath & Co.	Training school	6 36	
	9005	F. R. Francisco	Training school	92 00	
	9006	Eagle Pencil Co.	Training school	30 52	
	9007	Burney & Smith	Training school	6 00	
					9,458 99
Nov. 24	9008	Am. Book Co.	Training school	\$2 88	
	9009	Peninsular Paper Co.	Training school	3 00	
	9010	A. Flanagan Co.	Training school	5 50	
	9011	Mattie Caldwell	Fee refunded	3 00	
	9012	Lena V. Brownell	Fee refunded	3 00	
	9013	Mich. State Telephone Co.	Tel. rent	18 00	
	9014	R. H. Brabb	Repairs	8 50	
	9015	Oliver Typewriter Co.	Furniture	26 40	
	9016	Gd. Rapids Sch. Furn. Co.	Furniture	70 20	

## STATE OF MICHIGAN.

## Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905					
Nov. 24	9017	Normal College News.....	Advertising.....	\$150 00	
	9018	Detroit Times Co.....	Advertising.....	4 20	
	9019	Thos. Charles Co.....	Supplies.....	47 07	
	9020	Detroit Rubber Stamp Co.....	Supplies.....	4 08	
	9021	Remington Typewriter Co.....	Supplies.....	4 60	
	9022	H. R. Scovill.....	Repairs.....	61 06	
	9023	Pittsburgh Plate Glass Co.....	Repairs.....	7 97	
	9024	Wm. F. Waidner.....	Repairs.....	35 30	
	9025	S. P. Conkling.....	Repairs.....	9 00	
	9026	Alex. Y. Malcomson.....	Fuel.....	285 68	
	9027	Gas Consumers' Association.....	Light.....	2 50	
	9028	Ypsilanti Gas Co.....	Repairs.....	38 70	
					\$10,249 63
Dec. 31	9036	Pay roll.....	Salaries.....	\$8,914 35	
Dec. 29	9037	L. H. Jones.....	Traveling expenses.....	7 08	
	9038	F. L. Stewart, clerk.....	Sundries.....	91 77	
	9039	Scharf Tag, Label & Box Co.....	Library.....	83 90	
	9040	Peabody Institute.....	Library.....	4 85	
	9041	Lemcke & Buechner.....	Library.....	119 92	
	9042	Phil. Book Store.....	Library.....	3 95	
	9043	George Wahr.....	Library.....	193 54	
	9044	W. Millard Palmer.....	Library.....	525 48	
	9045	W. D. Ross.....	Apparatus.....	20 00	
	9046	Ferdinand Eruecke.....	Apparatus.....	55 99	
	9047	Henry J. Green.....	Apparatus.....	2 34	
	9048	A. Flanagan Co.....	Apparatus.....	4 10	
	9049	Wagner Bros. & Co.....	Apparatus.....	3 00	
	9050	Davis & Kishlar.....	Supplies.....	19 20	
	9051	E. R. Neuenfeldt.....	Nat. sci. lab.....	1 90	
	9052	Atkinson, Mentzer & Grover.....	Training school.....	10 10	
	9053	J. Geo. Zwergel.....	Training school.....	17 95	
	9054	W. H. Wheeler & Co.....	Training school.....	5 76	
	9055	Washtenaw Light & Pow. Co.....	Lights.....	101 55	
	9056	Gas Consumers' Association.....	Lights.....	2 50	
	9057	Ypsilanti Gas Co.....	Lights.....	61 50	
	9058	A. H. Andrews Co.....	Repairs.....	49 91	
	9059	G. H. Gilmore & Co.....	Repairs.....	15 13	
	9060	E. A. Carpenter.....	Repairs.....	31 34	
	9061	Electric Appliance Co.....	Repairs.....	36 60	
	9062	Milwaukee Dustless Brush Co.....	Repairs.....	4 50	
	9063	H. R. Scovill.....	Repairs.....	27 77	
	9064	Kenneth Anderson Mfg. Co.....	Repairs.....	6 15	
	9065	Wallace & Clark.....	Furniture.....	13 95	
	9066	A. Sullivan.....	Furniture.....	20 00	
	9067	Alex. Y. Malcomson.....	Fuel.....	1,041 62	
	9068	Frank Stowell.....	Fuel.....	453 85	
	9069	The Ypsilantian.....	Printing.....	23 35	
	9070	Richmond & Backus Co.....	Supplies.....	38 00	
	9071	C. E. Houk, P. M.....	Postage.....	10 00	
	9072	Detroit Free Press Co.....	Advertising.....	11 52	
	9073	Rex B. Clark.....	Supplies.....	13 40	
					12,047 82
1906.					
Jan. 31	9076	Pay roll.....	Salaries.....	\$9,073 15	
Jan. 26	9077	F. L. Stewart, clerk.....	Sundries.....	104 19	
	9078	H. M. Pomeroy.....	Apparatus.....	5 00	
	9079	Earl Thompson Co.....	Apparatus.....	1 78	
	9080	Soule Art Pub. Co.....	Apparatus.....	27 00	
	9081	Albert A. Snowden.....	Contingent.....	25 00	
	9082	Mich. State Tel. Co.....	Rental.....	18 00	
	9083	R. R. Bowker.....	Library.....	4 00	
	9084	Washtenaw Light & Pow. Co.....	Light.....	50 54	
	9085	Ypsilanti Gas Co.....	Light.....	74 90	
	9086	Frank Stowell.....	Fuel.....	189 96	
	9087	Gas Consumers' Association.....	Lights.....	2 50	
	9088	Scharf Tag, Label & Box Co.....	Printing and sup.....	36 10	
	9089	S. D. Childs & Co.....	Printing and sup.....	405 15	
	9090	Louis P. Jocelyn.....	Printing and sup.....	50 00	
	9091	Peninsular Paper Co.....	Printing and sup.....	12 00	
	9092	Kenneth Anderson Mfg. Co.....	Repairs.....	29 89	
	9093	G. H. Gilmore.....	Repairs.....	35 55	
	9094	Wallace & Clark.....	Repairs.....	20 00	
	9095	H. E. Stevens.....	Repairs.....	40 20	
	9096	Jas. Walker & Son.....	Repairs.....	5 10	
	9097	Crowley & Malne.....	Repairs.....	99 32	
	9098	Harding & Shaefer.....	Repairs.....	102 82	
	9099	F. K. Rexford & Sons.....	Repairs.....	63 67	

## STATE BOARD OF EDUCATION.

91

## Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
Jan. 26	9100	August Moeller & Sons.....	Repairs.....	\$25 00	
	9101	W. D. McCullough Co.....	Repairs.....	35 65	
	9102	Wm. Gaertner Co.....	Lab. phys. sci.....	11 51	
	9103	Eberbach & Son.....	Lab. phys. sci.....	110 35	
	9104	Detroit Photographic Co.....	Lab. nat. sci.....	18 00	
		Detroit Photographic Co.....	App. mod. lang.....	27 56	
	9105	J. E. Clark.....	App. nat. sci.....	4 00	
	9106	The Davis Jewelry Co.....	App. nat. sci.....	20 00	
	9107	C. King & Co.....	Repairs.....	\$29 63	
		C. King & Co.....	Dom. sci.....	82 00	
				111 63	
	9108	C. D. O'Conner Co.....	Dom. sci.....	27 96	
	9109	Ypsilanti Daily Press.....	Training school.....	6 75	
	9110	Normal College News.....	Supplies.....	190 18	
	9111	Bausch & Lomb Opt. Co.....	Supplies.....	6 85	
					\$11,080 26
Feb. 28	9115	Pay roll.....	Salaries.....	\$8,265 00	
	9116	F. L. Stewart, clerk.....	Sundries.....	117 90	
	9117	L. H. Jones.....	Traveling expenses.....	2 18	
	9118	Scharf Tag, Label & Box Co.....	Library.....	36 15	
	9119	C. P. Farrell.....	Library.....	1 92	
	9120	W. H. Lowdermilk & Co.....	Library.....	1 06	
	9121	Katherine Dopp.....	Lecture.....	25 00	
	9122	Henry J. Green.....	Apparatus.....	4 68	
	9123	Eberbach & Son.....	Apparatus.....	6 00	
	9124	Keuffel & Esser.....	Apparatus.....	7 38	
	9125	H. Stevens.....	Apparatus.....	12 00	
	9126	E. E. Calkins.....	Apparatus.....	4 65	
	9127	E. R. Neudenfeldt.....	Apparatus.....	3 00	
	9128	Duane Spaulsbury.....	Apparatus.....	1 45	
	9129	Univ. of Chicago Press.....	Apparatus.....	6 28	
	9130	J. B. Colt Co.....	Supplies.....	58 50	
	9131	W. N. Lister, P. M.....	Postage.....	180 00	
	9132	R. L. Polk Co.....	Supplies.....	4 00	
	9133	Remington Typewriter Co.....	Supplies.....	13 96	
	9134	Sarah P. Stewart.....	Lettering diplo's.....	11 00	
	9135	H. R. Pattengill.....	Advertising.....	16 50	
	9136	L. Etta Loomis.....	Labor.....	3 60	
	9137	Ypsilanti Daily Press.....	Printing.....	20 00	
	9138	M. A. Willis.....	Repairs.....	202 28	
	9139	Frank Stowell.....	Fuel.....	317 37	
	9140	Alex. Y. Malcomson.....	Fuel.....	607 76	
	9141	Wm. F. Waidner.....	Repairs.....	42 75	
	9142	Pittsburgh Plate Glass Co.....	Repairs.....	2 86	
	9143	Kenneth Anderson Mfg. Co.....	Repairs.....	29 89	
	9144	W. L. McCullough Co.....	Repairs.....	11 88	
	9145	J. H. Woodman.....	Repairs.....	23 00	
	9146	Hubbard & Morrison.....	Repairs.....	1 50	
	9147	Detroit Lead Pipe & Sheet Co.....	Repairs.....	32 51	
	9148	Ypsilanti Gas Co.....	Light.....	118 85	
	9149	Washtenaw Light & Pow. Co.....	Light.....	59 70	
	9150	Gas Consumers' Association.....	Light.....	2 50	
	9151	Wallace & Clark.....	Furniture.....	17 00	
	9152	Harding & Shafer.....		48 73	
	9153	Silver, Burdett & Co.....	Training school.....	6 60	
	9154	W. G. Lewis.....	Training school.....	1 75	
	9155	Geo. F. Smith.....	Training school.....	2 75	
	9156	Thos. Charles Co.....	Training school.....	49 05	
	9157	Geo. W. Jacobs & Co.....	Training school.....	2 00	
	9158	Geo. W. Rowe.....	Training school.....	14 16	
	9159	Davis & Kishler.....	Training school.....	20 12	
	9160	Narragansett Machine Co.....	Training school.....	23 03	
	9161	Emily H. Keavey.....	Training school.....	23 62	
					10,463 87
Mar. 30	9162	Pay roll.....	Salaries.....	\$9,116 25	
	9163	F. L. Stewart, clerk.....	Sundries.....	139 92	
	9164	L. H. Jones.....	Traveling expenses.....	4 81	
	9165	W. Millard Palmer Co.....	Library.....	31 60	
	9166	Macmillan Co.....	Library.....	1 50	
	9167	Scharf Tag, Label & Box Co.....	Supplies.....	85 23	
	9168	National Ed. Ass'n.....	Library.....	2 00	
	9169	Davis Press.....	Library.....	5 74	
	9170	George Wahr.....	Library.....	177 54	
	9171	Library Bureau.....	General supplies.....	5 05	
	9172	Richmond & Backus Co.....	General supplies.....	16 25	

## Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1906 Mar. 30	9173	S. D. Childs Co.	General supplies.	\$45 00	
	9174	Ypsilanti Daily Press.	General supplies.	11 25	
	9175	W. N. Lister, P. M.	Postage.	140 10	
	9176	The Palmer Co.	Advertising.	15 00	
	9177	Midland School Pub. Co.	Advertising.	5 00	
	9178	G. E. Waterman.	Drawing dept.	1 60	
	9179	Univ. of Mich.	Anc. lang.	14 05	
	9180	F. J. D. Negus.	Phy. sci.	32 00	
	9181	Nerust Lamp Co.	Phy. sci.	5 31	
	9182	Bausch & Lomb Opt. Co.	Phy. sci.	1 52	
	9183	Albert B. Porter.	Phy. sci.	3 22	
	9184	Frances J. Dunbar.	Nat'l sci.	70 40	
	9185	American Book Co.	Training school.	12 48	
	9186	Silver, Burdett & Co.	Training school.	6 00	
	9187	A. E. Hubbell Pub.	Training school.	1 44	
	9188	Houghton, Mifflin & Co.	Training school.	2 74	
	9189	A. Flanagan Co.	Training school.	14 44	
	9190	Gladys McFarland.	Fee refunded.	3 00	
	9191	Alex. Y. Malcomson.	Fuel.	516 59	
	9192	Kenneth Anderson Mfg. Co.	Repairs.	43 81	
	9193	Pittsburgh Plate Glass Co.	Repairs.	1 91	
	9194	T. B. Rayl Co.	Repairs.	9 50	
	9195	Ross Valve Co.	Repairs.	5 25	
	9196	Bishop & Babcock Co.	Repairs.	7 30	
	9197	Wallace & Clarke.	Repairs.	19 70	
	9198	W. L. McCullough.	Repairs.	5 18	
	9199	Philip Carey Mfg. Co.	Repairs.	4 67	
	9200	Ypsilanti Gas Co.	Light.	82 60	
	9201	Washtenaw Light & Pow. Co.	Light.	68 44	
	9202	Gas Consumers' Association.	Light.	2 50	
	9203	M. A. Willis.	Repairs.	37 06	
	9204	Detroit Museum of Art.	Repairs.	12 40	
	9205	The Ypsilantian.	Printing.	18 25	\$10,805_60
April 30	9208	Pay roll.	Salaries.	\$8,783 55	
April 27	9209	L. H. Jones.	Traveling expenses.	18 18	
	9210	F. L. Stewart, clerk.	Sundries.	71 73	
	9211	A. S. Clarke.	Library.	2 30	
	9212	Library Bureau.	Library.	28 25	
	9213	Lemcke & Buechner.	Library.	49 62	
	9214	Smithsonian Ins.	Library.	7 80	
	9215	Gregory, Mayer & Thom.	Library.	7 14	
	9216	Vaughan Seed Store.	Drawing.	4 37	
	9217	Eberbach & Son.	Nat. sci.	109 84	
	9218	Rand, McNally Co.	Chem.	11 00	
	9219	A. W. Mumford Co.	Training school.	6 00	
	9220	Henry Dreer Co.	Training school.	3 96	
	9221	J. Geo. Zwergel.	Supplies.	11 96	
	9222	Am. Crayon Co.	Supplies.	5 50	
	9223	Western Calcium Light.	Supplies.	7 90	
	9224	Mich. Tel. Co.	Rental.	18 00	
	9225	Wm. Dudley.	Lecture.	37 50	
	9226	Ypsilanti Press.	Printing.	83 25	
	9227	Sarah Stewart.	Lettering dip.	6 75	
	9228	P. P. Caproni.	Repairs.	1 50	
	9229	Frank Stowell.	Fuel.	926 33	
	9230	A. Y. Malcomson.	Fuel.	270 56	
	9231	Ypsilanti Gas Co.	Lights.	67 40	
	9232	Washtenaw Light & Pow. Co.	Lights.	48 09	
	9233	B. J. Fosdick.	Repairs.	26 25	
	9234	A. J. Thompson.	General supplies.	30 13	10,644 86
May 31	9235	Pay roll.	Salaries.	\$9,060 40	
May 25	9236	L. H. Jones.	Traveling expenses.	3 80	
	9237	F. L. Stewart, clerk.	Sundries.	88 76	
	9238	Scharf Tag, Label & Box Co.	Supplies.	257 35	
	9239	Library Bureau.	Library.	19 30	
	9240	Herbert Putman.	Library.	10 00	
	9241	W. F. Waldner.	Nat. sci.	43 50	
	9242	Chas. K. Reed.	Nat. sci.	5 60	
	9243	Eberbach & Son.	Phys. sci.	63 74	
	9244	McIntosh Stereopticon Co.	Gymnasium.	7 30	
	9245	The Scientific Shop.	Phys. sci.	10 10	
	9246	H. Fairchild.	Phys. sci.	31 32	
	9247	Thomas Charles Co.	Training school.	24 98	
	9248	Ginn & Co.	Training school.	5 60	

## Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1906 May 25	9249	Davis & Kishlar .....	Training school....	\$33 42	
	9250	Ypsilanti Daily Press .....	Supplies.....	3 50	
	9251	Gregory, Mayer & Thom Co. ....	Supplies.....	2 50	
	9252	A. H. Andrews Co. ....	Supplies.....	9 00	
	9253	Vacua-Static Carbon Co. ....	Supplies.....	4 50	
	9254	W. N. Lister, P. M. ....	Postage.....	121 08	
	9255	The Nebraska Teacher.....	Advertising.....	2 00	
	9256	Univ. of Chicago Press.....	Advertising.....	5 00	
	9257	Normal College News.....	Advertising.....	150 00	
	9258	Scharf Tag, Label & Box Co. ....	Year books.....	589 40	
	9259	Henry A. Dreer.....	Grounds.....	10 70	
	9260	C. M. Bowen.....	Grounds.....	13 00	
	9261	Washtenaw Light & Pow. Co. ....	Lights.....	28 93	
	9262	Gas Consumers' Association.....	Lights.....	2 50	
	9263	Ypsilanti Gas Co. ....	Lights.....	45 67	
	9264	A. Y. Malcomson.....	Training school....	254 15	
	9265	Edward Carpenter.....	Repairs.....	54 04	
	9266	O. E. Thompson.....	Repairs.....	27 37	
	9267	Burke Bros.....	Repairs.....	16 27	
	9268	Harding & Schaefer.....	Repairs.....	58 92	
	9269	Electric Appliance Co. ....	Repairs.....	15 99	
	9270	J. E. Engel.....	Repairs.....	46 58	
	9271	Ellen B. Murrey, M. D. ....	Med. exam.....	50 00	
					\$11,176 27
June 22	9274	Pay roll.....	Salaries.....	\$8,738 55	
June 29	9275	L. H. Jones.....	Traveling expenses.....	13 20	
	9276	F. L. Stewart, clerk.....	Sundries and Lib. ....	149 07	
	9277	Scharf Tag, Label & Box Co. ....	Library.....	66 55	
	9278	F. A. Brockhaus.....	Library.....	1 86	
	9279	Religious Ed. Ass'n.....	Library.....	3 00	
	9280	National Geog. Society.....	Library.....	2 00	
	9281	Class Ass'n of Middle W. & S. ....	Library.....	2 00	
	9282	Am. Pol. Science Ass'n.....	Library.....	3 00	
	9283	W. Millard Palmer Co. ....	Library.....	12 00	
	9284	George Wahr.....	Library.....	87 33	
	9285	Goodspeed's Book Co. ....	Library.....	8 00	
	9286	Peter J. Krayner.....	Chem.....	15 00	
	9287	Grasselli Chem. Co. ....	Chem.....	7 60	
	9288	The Scientific Shop.....	Physics.....	20 00	
	9289	Keiser & Schmidt.....	Physics.....	86 73	
	9290	Eberbach & Son.....	Nat. sci. .... \$70 12		
		Eberbach & Son.....	Chem..... 74 26		
	9291	W. Atlee Burpee.....	Nat. sci. ....	144 38	
	9292	Vaughan Seed Store.....	Nat. sci. ....	1 26	
	9293	Spencer Lens Co. ....	Nat. sci. ....	5 55	
	9294	Ward's Nat. Science Est. ....	Nat. sci. ....	147 30	
	9295	Emily H. Keavy.....	Nat. sci. ....	7 20	
	9296	Davis & Kishlar.....	Tr. sch. & gen. sup. ....	22 27	
	9297	Dewitt Mathews.....	Tr. sch. & gen. sup. ....	5 58	
	9298	J. Geo. Zwergel.....	Tr. sch. & gen. sup. ....	2 77	
	9299	W. W. Worden.....	Supplies and gym. ....	26 15	
	9300	H. Fairchild.....	Training school....	3 54	
	9301	Rand, McNally Co. ....	Training school....	6 70	
	9302	Davis & Co. ....	Training school....	3 60	
	9303	Ermah R. Greer.....	Training school....	2 34	
	9304	Ann Arbor Music Co. ....	Training school....	12 75	
	9305	D. J. Doig.....	Music.....	20 00	
	9306	Chicago Art Edu. Co. ....	Drawing.....	27 00	
	9307	Ypsilanti Daily Press.....	Drawing.....	28 05	
	9308	The Ypsilantian.....	Printing.....	13 00	
	9309	The Nebraska Teacher.....	Printing.....	30 00	
	9310	The Midland Schools.....	Advertising.....	2 00	
	9311	News Record Pub. Co. ....	Advertising.....	10 00	
	9312	C. E. Houk, P. M. ....	Printing.....	7 00	
	9313	F. K. Rexford & Sons.....	Postage.....	11 00	
	9314	H. E. Stevens.....	Furniture.....	18 34	
	9315	Wallace & Clarke.....	Furniture.....	23 25	
	9316	Richmond & Backus Co. ....	Furniture.....	8 65	
	9317	O. E. Thompson & Sons.....	Supplies.....	1 00	
	9318	D. H. Manus Co. ....	Repairs.....	1 86	
	9319	Ypsilanti Gas Co. ....	Repairs.....	5 75	
	9320	Gas Consumers' Association.....	Lights.....	35 00	
	9321	Washtenaw Light & Pow. Co. ....	Lights.....	2 50	
	9322	Samuel Lewis.....	Lights.....	41 49	
	9323	H. R. Scovill Co. ....	Repairs.....	6 25	
	9324	August Moeller.....	Repairs.....	72 94	
			Repairs.....	25 00	

## STATE OF MICHIGAN.

## Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1906					
June 29	9325	Pittsburgh Plate Glass Co.....	Repairs.....	\$12 34	
	9326	Alex. Y. Malcomson.....	Fuel.....	189 31	
	9327	Columbia Refining Co.....	Repairs.....	28 73	
	9328	Jonathan Stanger.....	Repairs.....	75 00	
	9329	Standard Oil Co.....	Repairs.....	3 30	
	9330	John D. Lang.....	Repairs.....	8 35	
	9331	J. E. Engel.....	Repairs.....	20 09	
	9332	Burke Bros.....	Repairs.....	25 35	
	9333	E. A. Carpenter.....	Repairs.....	26 80	
	9334	Harding & Shaefer.....	Repairs.....	132 35	
	9335	A. G. Naekel.....	Repairs.....	20 54	
					<b>\$10,539 52</b>

## ON ACCOUNT OF SPECIAL APPROPRIATIONS.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905.					
Aug. 25	8855	Repairs on boilers—			
Sept. 30	8889	Ypsilanti Machine Works...	Material.....	\$120 18	
	8890	W. L. McCullough Co.....	Material.....	35 00	
	8891	F. L. Stewart, clerk.....	Labor.....	111 88	
	8891	O. E. Thompson & Sons.....	Material.....	120 00	
Sept. 2	8891½	F. L. Stewart, clerk.....	Labor.....	50 72	
Nov. 24	9033	Jas. Walker & Son.....	Material.....	97 67	
	9034	F. L. Stewart, clerk.....	Labor.....	58 00	
					<b>\$593 45</b>
1906.					
Jan. 26	9113	Organ repairs—			
		August Moeller & Son.....	Organ repairs.....	\$250 00	
					<b>250 00</b>
1905.					
Aug. 25	8856	Syphon jet closets—			
Sept. 30	8892	Jas. Walker & Son.....	Material.....	\$108 10	
	8893	Barton, Netting & Co.....	Tile floor.....	145 00	
	8894	Detroit Marble Works.....	Material.....	407 55	
	8895	F. L. Stewart, clerk.....	Labor.....	70 00	
	8896	O. E. Thompson & Sons.....	Material.....	4 38	
Sept. 2	8896	F. L. Stewart, clerk.....	Labor.....	12 00	
Oct. 25	8956	The T. B. Rayle Co.....	Material.....	10 25	
	8957	A. G. Naekel.....	Material and labor.	37 30	
					<b>794 58</b>
Oct. 25	8958	Steel ceiling in chapel—			
	8959	Barrett & Daly.....	Labor and material	\$834 63	
	8960	F. L. Stewart, clerk.....	Labor.....	27 50	
		G. H. Gilmore & Co.....	Labor and material	351 62	
1906.					
Mar. 30	9207	A. G. Naekel.....	Material.....	21 37	
					<b>1,235 12</b>
1905.					
Oct. 25	8964	Fire escape, main building—			
	8965	H. R. Scovill Co.....	Material.....	\$21 00	
Dec. 29	9074	K. Anderson Mfg. Co.....	Material.....	66 11	
		E. W. Arnold.....	Fire escape.....	20 55	
1906.					
Mar. 30	9206	Kenneth Anderson Mfg. Co.	Fire escape.....	35 07	
June 29	9336	Kalamazoo Foundry & Machine Co.....	Fire escape.....	685 00	
					<b>827 73</b>
1905.					
Oct. 25	8966	Second floor in library—			
Nov. 24	9035	H. R. Scovill Co.....	Material.....	\$15 12	
Dec. 29	9075	Washtenaw Lt. & Pow. Co..	Material and labor.	113 84	
		Frances L. Stewart, clerk...	Pay roll.....	23 40	
1906.					
Jan. 26	9114	Library Bureau.....	Library floor.....	3,750 00	
					<b>3,902 36</b>
Jan. 26	9112	Domes for equatorial transit—			
May 25	9272	The Warner & Swasey Co...	Equatorial dome...	\$750 00	
	9273	D. J. Doig.....	Material and labor.	70 61	
	9273	W. F. Waidner.....	Material and labor.	17 00	
June 29	9338	W. F. Waidner.....	Labor.....	62 35	
					<b>899 96</b>



## STATE BOARD OF EDUCATION.

95

*Exhibit D.—Concluded.*

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905.		Removal of greenhouse—			
Oct. 25	8961	F. L. Stewart, clerk.	Paid for labor.	\$55 50	
	8962	North Gass.	Material.	30 60	
	8963	O. E. Thompson & Sons.	Material.	42 09	
Nov. 24	9029	D. J. Doig.	Material.	18 00	
	9030	F. L. Stewart, clerk.	Labor.	5 25	
	9031	F. L. Stewart, clerk.	Labor.	46 50	
					\$197 94
		Improvem'ts on new grounds—			
Aug. 25	8853	Byron Fosdick.	Labor.	\$65 60	
Sept. 30	8884	O. E. Thompson & Sons.	Material.	45 33	
	8885	J. E. Engel.	Material.	12 90	
	8886	F. L. Stewart, clerk.	Labor.	104 62	
	8886½	F. L. Stewart, clerk.	Labor.	43 25	
Oct. 25	8952	Byron Fosdick.	Labor.	96 60	
	8953	Byron Fosdick.	Labor and material	78 40	
Nov. 24	9032	F. L. Stewart, clerk.	Labor.	51 25	
					497 95
		Heating plant, S. C. A. bldg.—			
July 31	8814	F. L. Stewart, clerk.	Labor.	\$30 50	
Aug. 25	8854	K. Anderson Mfg. Co.	Material.	364 43	
Sept. 2	8897	F. L. Stewart, clerk.	Labor.	109 50	
					504 43
		Gymnasium entrance—			
Sept. 30	8887	D. J. Doig.	Material.	\$37 60	
	8888	O. E. Thompson & Sons.	Material.	49 60	
Sept. 2	8888½	F. L. Stewart, clerk.	Labor.	40 50	
Oct. 25	8954	Edmund A. Carpenter.	Material.	19 42	
	8955	H. R. Scovill Co.	Material.	45 36	
1906.					
June 29	9337	Burke Bros.	Material and labor.	7 50	
					199 98

## MICHIGAN STATE NORMAL COLLEGE.

*Summary—Current Expense.*

Receipts and Expenditures.	Amount.	Totals.
RECEIPTS.		
Balance on hand, July 1, 1905.	\$1,916 90	
Receipts, July 1, 1905-July 1, 1906.	123,581 75	
Total receipts.		\$125,498 65
EXPENDITURES.		
Former year—		
July 1, 1905-December 31, 1905.	\$1,916 90	
Present year—		
July.	9,665 86	
August.	9,425 28	
September.	8,980 31	
October.	9,875 66	
November.	10,249 63	
December.	12,047 82	
January.	11,080 26	
February.	10,463 87	
March.	10,805 60	
April.	10,644 86	
May.	11,176 27	
June.	10,539 52	
Total debits.	\$126,871 84	
Account overdrawn.	1,373 19	
Balancing with total receipts.		\$125,498 65

## STATE OF MICHIGAN.

## MICHIGAN STATE NORMAL COLLEGE.

*Summary—Special Appropriations.*

Date.	Receipts and Expenditures.	Amount.	Total.
1905. July 1	RECEIPTS.		
	Balance on hand.....	\$1,100 00	
	Receipts, July 1, 1905, to July 1, 1906.....	10,850 00	
	Total debits.....		\$11,950 00
	EXPENDITURES.		
	Domes for equatorial transit.....	\$899 96	
	Removal of greenhouse.....	197 94	
	Improvements on new grounds.....	497 95	
	Heating plant, S. C. A. building.....	504 43	
	Gymnasium entrance.....	199 98	
	Repairs on boilers.....	593 45	
	Organ repairs.....	250 00	
	Syphon jet closets.....	794 58	
	Steel ceiling in chapel.....	1,235 12	
	Fire escape, main building.....	827 73	
	Second floor in library.....	3,902 36	
	Total expenses July 1, 1905, to July 1, 1906.....	\$9,903 50	
	Balance on hand July 1, 1906.....	2,046 50	
	Balancing with total receipts.....		\$11,950 00

## STATE BOARD OF EDUCATION.

97

## EXHIBIT E.

Salary account, Dr., for fiscal year ending June 30, 1905.

Date.	Name.	Time.	Amounts.	Total.
1905. June 30	L. H. Jones.....	Twelve months.....	\$5,500 00	
	E. A. Lyman.....	Twelve months.....	2,500 00	
	F. A. Barbour.....	Twelve months.....	2,500 00	
	J. A. King.....	Twelve months.....	2,500 00	
	E. A. Strong.....	Twelve months.....	2,500 00	
	B. L. D'Ooge.....	Twelve months.....	2,500 00	
	F. H. Pease.....	Twelve months.....	2,500 00	
	W. H. Sherzer.....	Twelve months.....	2,500 00	
	S. B. Laird.....	Twelve months.....	2,500 00	
	Mark S. W. Jefferson.....	Twelve months.....	2,500 00	
	C. O. Hoyt.....	Twelve months.....	2,500 00	
	D. H. Roberts.....	Twelve months.....	2,500 00	
	R. C. Ford.....	Twelve months.....	2,500 00	
	William C. Cole.....	Two and one-half months...	250 00	
	John C. Stone.....	Twelve months.....	2,000 00	
	J. S. Lathers.....	Twelve months.....	2,000 00	
	Nathan C. Harvey.....	Ten months.....	2,500 00	
	W. P. Bowen.....	Twelve months.....	1,800 00	
	Mary B. Putnam.....	Twelve months.....	1,400 00	
	Ada A. Norton.....	Twelve months.....	1,400 00	
	Helen B. Muir.....	Twelve months.....	1,400 00	
	Abigail Pearce.....	Twelve months.....	1,400 00	
	Florence Shultes.....	Twelve months.....	1,400 00	
	Alma Blount.....	One and one-half months...	174 97	
	S. D. Magers.....	Twelve months.....	1,400 00	
	B. W. Peet.....	Twelve months.....	1,400 00	
	Fannie C. Burton.....	Twelve months.....	1,300 00	
	Ida Fleischer.....	Twelve months.....	1,100 00	
	Margaret E. Wise.....	Twelve months.....	1,100 00	
	Mary M. Steagall.....	Twelve months.....	1,100 00	
	Clyde E. Foster.....	Twelve months.....	1,200 00	
	G. M. Walton.....	Twelve months.....	1,100 00	
	J. W. Stevens.....	Twelve months.....	1,350 00	
	Hester P. Stowe.....	Twelve months.....	1,000 00	
	Mary A. Goddard.....	Twelve months.....	1,000 00	
	Alice I. Boardman.....	Twelve months.....	1,000 00	
	Abigail Roe.....	Twelve months.....	1,000 00	
	Bertha G. Buell.....	Twelve months.....	1,000 00	
	Harriet M. Plunkett.....	Twelve months.....	1,000 00	
	Mattie A. Martin.....	Twelve months.....	1,000 00	
	Adella Jackson.....	Twelve months.....	1,000 00	
	Daniel Putnam.....	Twelve months.....	1,000 00	
	Annette F. Chase.....	Twelve months.....	1,000 00	
	Frances L. Stewart.....	Twelve months.....	1,000 00	
	Jessie Phelps.....	Nine months.....	900 00	
	Abigail Lynch.....	Six months.....	500 00	
	Ella M. Wilson.....	Twelve months.....	850 00	
	Bertha Goodison.....	Twelve months.....	900 00	
	Estella Downing.....	Twelve months.....	900 00	
	Kate R. Thompson.....	Twelve months.....	800 00	
	Annie H. Olmsted.....	Twelve months.....	900 00	
	Lota C. Garner.....	Twelve months.....	800 00	
	Ruth S. Putnam.....	Twelve months.....	800 00	
	Mary Joy Lombard.....	Twelve months.....	900 00	
	Edna T. Cook.....	Ten months.....	831 60	
	Mary E. Alcott.....	Ten months.....	800 00	
	Lydia J. Herrick.....	Ten months.....	800 00	
	Ina A. Milroy.....	Nine months.....	720 00	
	C. F. R. Bellows.....	Twelve months.....	480 00	
	Grace Hammond.....	Twelve months.....	600 00	

## STATE OF MICHIGAN.

*Exhibit E.—Concluded.*

Date.	Name.	Time.	Amount.	Total.
1905 June 30	Eleanor A. Thomas.....	One month.....	\$60 00	
	F. J. Mellencamp.....	Two and one-half months...	180 00	
	Isaac Bowman.....	One month.....	75 00	
	Minor E. White.....	One and one-half months...	105 00	
	Geo. E. Edwards.....	Seven months.....	410 30	
	Frances L. D. Goodrich.....	Three months.....	150 00	
	Alice Barnes.....	Twelve months.....	575 00	
	Agnes Morse.....	Twelve months.....	500 00	
	Katherine B. Joslyn.....	Twelve months.....	432 00	
	James H. Thompson.....	Twelve months.....	400 00	
	C. C. Vroman.....	Twelve months.....	750 00	
	M. L. VanBuren.....	Twelve months.....	500 00	
	M. Stitt.....	Twelve months.....	500 00	
	J. J. E. Thomas.....	Twelve months.....	500 00	
	A. Welch.....	Twelve months.....	500 00	
	R. C. Worts.....	Twelve months.....	500 00	
	Margaret Lockwood.....	Ten months.....	600 00	
	Caroline L. Towner.....	Nine months.....	540 00	
	Laurie L. Towner.....	One month.....	60 00	
	Inez Clark.....	Twelve months.....	500 00	
	Mable A. Eagle.....	One month.....	42 10	
	Amelia Wilson.....	One and one-half months...	100 00	
	Albertus Darnell.....	One and one-half months...	100 00	
	Julia A. Davis.....	One and one-half months...	15 00	
	W. O. Trout.....	Three months.....	45 00	
	H. Ethel Childs.....	One and one-half months...	50 00	
	Estella E. Baker.....	One and one-half months...	75 00	
	H. E. Perkins.....	One and one-half months...	50 00	
	George B. Rawdon.....	Eleven and one-half months...	115 00	
	William Menton.....	Twelve months.....	500 00	
	Martin B. Travis.....	Nine months.....	187 50	
	James Curry.....	Twelve months.....	500 00	
	Mary M. Master.....	Ten months.....	500 00	
	Sherman R. Wilson.....	Ten months.....	300 00	
	Howard C. Prine.....	Ten months.....	100 00	
	Nina Gage.....	Ten months.....	100 00	
	Frank Jensen.....	Ten months.....	100 00	
	Don Lawrence.....	Two months.....	200 00	
	E. J. O'Dell.....	Nine months.....	262 50	
	Guy C. Smith.....	Nine months.....	225 00	
	Mike O'Brien.....	Six months.....	270 00	
	Elizabeth McLellan.....	Six months.....	500 00	
	Orland O. Norris.....	Five months.....	312 50	
Total.....				\$98,243 47

*Salary account, Cr., for fiscal year ending June 30, 1905.*

Date.	No. of voucher.	Pay rolls.	Amount.	Total.
1904.				
July 29	8312	July.....	\$8,159 59	
Aug. 26	8333	August.....	7,718 38	
Sept. 23	8354	September.....	8,021 20	
Oct. 28	8379	October.....	8,339 65	
Nov. 30	8440	November.....	8,091 20	
Dec. 16	8497	December.....	8,229 65	
1905.				
Jan. 31	8537	January.....	8,530 10	
Feb. 28	8575	February.....	7,768 40	
Mar. 31	8607	March.....	8,492 30	
April 29	8653	April.....	8,132 15	
May 31	8679	May.....	8,578 70	
June 21	8713	June.....	8,182 15	
Total.....				\$98,243 47

## STATE BOARD OF EDUCATION.

19

## EXHIBIT F.

Salary account, Dr., for fiscal year ending June 30, 1906.

Date.	Name.	Time.	Amount.	Total.
1906. June 30	L. H. Jones.....	Twelve months.....	\$5,500 00	
	E. A. Lyman.....	Twelve months.....	2,500 00	
	F. A. Barbour.....	Twelve months.....	2,500 00	
	J. A. King.....	Twelve months.....	2,500 00	
	E. A. Strong.....	Twelve months.....	2,500 00	
	B. L. D'Ooge.....	Twelve months.....	2,500 00	
	F. H. Pease.....	Twelve months.....	2,500 00	
	W. H. Sherzer.....	Twelve months.....	2,500 00	
	S. B. Laird.....	Twelve months.....	2,500 00	
	Mark S. W. Jefferson.....	Twelve months.....	2,500 00	
	C. O. Hoyt.....	Twelve months.....	2,500 00	
	D. H. Roberts.....	Twelve months.....	2,500 00	
	R. C. Ford.....	Twelve months.....	2,500 00	
	J. S. Lathers.....	Twelve months.....	2,200 00	
	J. C. Stone.....	Twelve months.....	2,200 00	
	Nathan A. Harvey.....	Twelve months.....	2,500 00	
	W. P. Bowen.....	Twelve months.....	2,000 00	
	Alma Blount.....	Twelve months.....	1,400 00	
	Mary B. Putnam.....	Twelve months.....	1,400 00	
	Ada A. Norton.....	Twelve months.....	1,400 00	
	Helen B. Muir.....	Nine months.....	1,050 00	
	Abigail Pearce.....	Twelve months.....	1,500 00	
	Florence Shultes.....	Twelve months.....	1,400 00	
	S. D. Magers.....	Twelve months.....	1,500 00	
	B. W. Peet.....	Twelve months.....	1,600 00	
	Fannie Cheever Burton.....	Twelve months.....	1,400 00	
	Jessie Phelps.....	Twelve months.....	1,200 00	
	Clyde E. Foster.....	Twelve months.....	1,200 00	
	Ida B. Fleischer.....	Twelve months.....	1,100 00	
	Mary M. Steagall.....	Twelve months.....	1,200 00	
	Mary E. Wise.....	Twelve months.....	1,200 00	
	Daniel Putnam.....	Twelve months.....	1,000 00	
	Annette F. Chase.....	One and one-half months.....	137 54	
	Hester P. Stowe.....	Twelve months.....	1,100 00	
	Mattie A. Martin.....	One month.....	84 20	
	Mary A. Goddard.....	Twelve months.....	1,100 00	
	Alice I. Boardman.....	Twelve months.....	1,100 00	
	F. R. Gorton.....	Twelve months.....	1,800 00	
	Abigail Roe.....	Twelve months.....	1,100 00	
	Elizabeth McLellan.....	Twelve months.....	1,100 00	
	Bertha G. Buell.....	Twelve months.....	1,100 00	
	Adella Jackson.....	Twelve months.....	1,000 00	
	Edna T. Cook.....	Twelve months.....	1,000 00	
	Bertha Goodison.....	Twelve months.....	1,100 00	
	Estelle Downing.....	Twelve months.....	1,100 00	
	Annie H. Olmsted.....	Twelve months.....	1,000 00	
	Mary Joy Lombard.....	Twelve months.....	1,000 00	
	Ella M. Wilson.....	Twelve months.....	900 00	
	Kate R. Thompson.....	Two months.....	134 80	
	Ruth Putnam.....	Twelve months.....	800 00	
	Lota H. Garner.....	Twelve months.....	800 00	
	Grace Hammond.....	One month.....	59 00	
	Oriand O. Norris.....	Twelve months.....	750 00	
	Inez Clark.....	Twelve months.....	600 00	
	C. F. R. Bellows.....	Twelve months.....	480 00	
	Abigail Lynch.....	Twelve months.....	1,100 00	
	Lillian Worden.....	One and one-half months.....	75 00	
	Edna M. Florida.....	One and one-half months.....	75 00	
	Estella E. Baker.....	Two months.....	40 00	
	Margaret Lockwood.....	One and one-half months.....	90 00	

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## Exhibit F.—Continued.

Date.	Name.	Time.	Amount.	Total.
1906				
June 30	Caroline L. Towner.....	Twelve months.....	\$720 00	
	Mary M. Master.....	Twelve months.....	650 00	
	S. R. Wilson.....	One and one-half months..	45 00	
	W. Glen Lewis.....	Twelve months.....	120 00	
	George B. Rowden.....	Two months.....	20 00	
	Howard C. Prine.....	Six months.....	60 00	
	Frank Jensen.....	Twelve months.....	400 00	
	Minnie Louise Zorman.....	Six months.....	200 00	
	Anna M. Yorks.....	Six months.....	200 00	
	G. M. Walton.....	Twelve months.....	1,200 00	
	Alice Barnes.....	Twelve months.....	600 00	
	Edna J. O'Dell.....	Twelve months.....	267 50	
	Guy C. Smith.....	Twelve months.....	300 00	
	Martin B. Travis.....	Three months.....	62 50	
	Frances L. Stewart.....	Twelve months.....	1,000 00	
	Agnes Morse.....	Twelve months.....	600 00	
	Katherine B. Joslyn.....	Twelve months.....	480 00	
	J. H. Thompson.....	Four months.....	133 70	
	L. L. Wright.....	Eight months.....	266 30	
	J. W. Stevens.....	Twelve months.....	1,400 00	
	C. C. Vroman.....	Twelve months.....	780 00	
	Wm. Merton.....	Twelve months.....	500 00	
	M. Stitt.....	Twelve months.....	500 00	
	Alonzo Welch.....	Twelve months.....	500 00	
	James Curry.....	Twelve months.....	500 00	
	J. J. E. Thomas.....	Seven months.....	293 10	
	R. C. Worts.....	Ten months.....	416 20	
	M. L. Van Buren.....	Twelve months.....	500 00	
	Robert M. Reinhold.....	Twelve months.....	600 00	
	H. H. Smith.....	Six months.....	250 00	
	Lydia L. Herrick.....	Twelve months.....	800 00	
	Emelyn E. Gardner.....	Ten months.....	831 60	
	Grace Fuller.....	Ten months.....	831 60	
	Helene Kneip.....	Ten months.....	499 00	
	Sadie Godard.....	Ten months.....	200 00	
	C. P. Steimle.....	Ten months.....	500 00	
	Darrell H. Davis.....	Ten months.....	480 00	
	Edna Barlow.....	Ten months.....	200 00	
	C. D. Carpenter.....	Five months.....	175 00	
	S. Edith King.....	Ten months.....	100 00	
	L. Elta Loomis.....	Ten months.....	100 00	
	Bernice Sargent.....	Ten months.....	100 00	
	Irene O. Clark.....	Ten months.....	100 00	
	H. Ethel Childs.....	Nine months.....	270 00	
	Charles C. Colby.....	Three months.....	30 00	
	J. Don Lawrence.....	Two months.....	200 00	
	E. V. Andrews.....	Nine months.....	375 00	
	Effie Deam.....	Three months.....	30 00	
	Jessie Lee.....	Four months.....	200 00	
	Mike O'Brien.....	Five months.....	275 00	
	Edna G. Jackson.....	Six months.....	60 00	
	W. L. Walling.....	Five months.....	175 00	
	Frank Andrews.....	One month.....	38 80	
	Oscar Andrews.....	Five months.....	206 90	
	James H. Towler.....	Four months.....	168 10	
	Mary Derby.....	Three months.....	210 00	
	Leigh C. Turner.....	Two and one-half months..	250 00	
	A. Gibson.....	Two months.....	83 80	
Total.....				\$105,729 64

## STATE BOARD OF EDUCATION.

101

*Exhibit F.—Concluded.**Salary account, Cr., for fiscal year ending June 30, 1906.*

Date.	No. of voucher.	Pay rolls.	Amount.	Total.
1905.				
July 29	8801	July.....	\$8,902 05	
Aug. 25	8828	August.....	8,607 49	
Sept. 30	8861	September.....	8,517 20	
Oct. 31	8901	October.....	8,954 35	
Nov. 30	8970	November.....	8,797 30	
Dec. 31	9036	December.....	8,914 35	
1906.				
Jan. 31	9076	January.....	9,073 15	
Feb. 28	9115	February.....	8,265 00	
Mar. 31	9162	March.....	9,116 25	
April 27	9208	April.....	8,783 55	
May 31	9235	May.....	9,060 40	
June 29	9274	June.....	8,738 55	
Total.....				<u>\$105,729 64</u>

## CENTRAL MICHIGAN NORMAL SCHOOL.

## EXHIBIT A.

*James H. Thompson, Treasurer, Dr., for fiscal year ending June 30, 1906.*

## ON ACCOUNT OF CURRENT EXPENSE.

Date.	No. of receipt.	Of whom received.	Amount.	Totals.
1904.		Legislative appropriations—		
July 20	179	State Treasurer .....	\$4,630 00	
Aug. 22	181	State Treasurer .....	4,630 00	
Sept. 9	183	State Treasurer .....	4,630 00	
Oct. 3	186	State Treasurer .....	4,630 00	
Nov. 11	188	State Treasurer .....	4,630 00	
Dec. 16	189	State Treasurer .....	4,630 00	
1905.				
Jan. 5	190	State Treasurer .....	4,630 00	
Mar. 6	193	State Treasurer .....	4,630 00	
April 3	194	State Treasurer .....	4,630 00	
April 13	195	State Treasurer .....	4,630 00	
June 3	198	State Treasurer .....	4,630 00	
June 19	199	State Treasurer .....	4,630 00	\$55,560 00
1904.		Tuition fees—		
July 12	177	F. L. Bishop, secretary .....	\$516 00	
July 25	180	F. L. Bishop, secretary .....	54 00	
Oct. 1	185	F. L. Bishop, secretary .....	435 00	
Nov. 1	187	F. L. Bishop, secretary .....	36 00	
1905.				
Jan. 23	191	F. L. Bishop, secretary .....	429 00	
May 4	196	F. L. Bishop, secretary .....	396 00	1,866 00
1904.		Diploma fees—		
July 12	178	F. L. Bishop, secretary .....	\$164 00	
Aug. 26	182	F. L. Bishop, secretary .....	115 00	
1905.				
Jan. 23	192	F. L. Bishop, secretary .....	37 00	
May 4	197	F. L. Bishop, secretary .....	30 00	
June 27	200	F. L. Bishop, secretary .....	132 00	478 00
1904.		Other sources—		
Sept. 23	184	Error in August pay roll .....	\$30 00	30 00
		Total receipts, current expense .....		\$57,934 00
1904.		Balance on hand .....		551 46
July 1				
Total debits, current expense .....				\$58,485 46



## STATE BOARD OF EDUCATION.

103

## EXHIBIT B.

*Luther L. Wright, Treasurer, Dr., for fiscal year ending June 30, 1906.*

## ON ACCOUNT OF CURRENT EXPENSE.

Date.	No. of receipt.	Of whom received.	Amount.	Totals.
1905.		Legislative appropriations—		
July 12	201	State Treasurer .....	\$5,547 08	
Aug. 14	204	State Treasurer .....	5,547 08	
Sept. 14	206	State Treasurer .....	5,547 08	
Oct. 11	208	State Treasurer .....	5,547 08	
Dec. 14	211	State Treasurer .....	5,547 08	
1906.				
Jan. 19	214	State Treasurer .....	5,547 08	
Jan. 29	215	State Treasurer .....	5,547 08	
Feb. 3	220	State Treasurer .....	5,547 08	
Mar. 1	221	State Treasurer .....	5,547 08	
April 14	222	State Treasurer .....	5,547 08	
May 1	223	State Treasurer .....	5,547 08	
June 13	228	State Treasurer .....	5,547 12	
				\$66,565 00
		Tuition fees—		
July 12	202	Florence L. Bishop, secretary .....	\$579 00	
Oct. 26	209	Florence L. Bishop, secretary .....	486 00	
Feb. 3	216	Florence L. Bishop, secretary .....	492 00	
May 18	227	Florence L. Bishop, secretary .....	441 00	
May 18	225	Florence L. Bishop, secretary .....	6 00	
				2,004 00
		Diploma and laboratory fees—		
Sept. 4	205	Florence L. Bishop, secretary .....	\$103 00	
Sept. 3	218	Florence L. Bishop, secretary .....	27 00	
Sept. 3	219	Florence L. Bishop, secretary .....	23 50	
May 18	224	Florence L. Bishop, secretary .....	51 00	
May 18	226	Florence L. Bishop, secretary .....	15 00	
				219 50
Dec. 20	212	Normal athletic association .....	\$124 50	
				124 50
		Certificate fees—		
Feb. 3	217	Florence L. Bishop, secretary .....	\$40 00	
				40 00
		Other sources—		
Dec. 20	213	C. T. Grawn .....	\$0 40	
				40
		Total receipts, current expense .....		\$68,953 40

## ON ACCOUNT OF SPECIAL APPROPRIATIONS.

Date.	No. of receipt.	Of whom received.	Amount.	Totals.
1905.		Central heating plant—		
July 4	203	State Treasurer .....	\$5,000 00	
Sept. 12	207	State Treasurer .....	10,000 00	
Nov. 11	210	State Treasurer .....	10,000 00	
		Total receipts, special appropriation .....		\$25,000 00
		RECAPITULATION, DR.		
		Current expense, 1904-5 .....	\$58,485 00	
		Current expense, 1905-6 .....	68,953 40	
		Special appropriation, 1904-5 .....	00,000 00	
		Special appropriation, 1905-6 .....	25,000 00	
		Aggregate for all purposes for two years .....		\$142,438 40

## STATE OF MICHIGAN.

## EXHIBIT C.

James H. Thompson, Treasurer, Cr., for fiscal year ending June 30, 1905.

## ON ACCOUNT OF CURRENT EXPENSE.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
FORMER YEAR.					
1904.					
July 12	2339	E. C. Dunlap.....	Grounds.....	\$47 16	
July 29	2340	F. L. Bishop, secretary.....	Sundries.....	17 42	
	2341	F. L. Bishop, secretary.....	Sundries.....	9 94	
	2342	United Supply Co.....	General supplies.....	16 17	
	2343	Gorham Bros. Co.....	General supplies.....	2 01	
	2344	Standard Oil Co.....	General supplies.....	12 33	
	2345	Carr & Granger.....	General supplies.....	16 62	
	2346	Marshall Field & Co.....	Lectures.....	4 80	
	2347	F. A. Barbours.....	Lectures.....	30 00	
	2348	Benjamin S. Ferry.....	Lectures.....	48 50	
	2349	Mich. State Telephone Co.....	Telephone.....	6 40	
	2350	Union Telephone Co.....	Telephone.....	95	
	2351	Queen & Co., Inc.....	Laboratory.....	35 50	
	2352	Chandler & Barber.....	Manual tr. dept.....	232 00	
Aug. 26	2374	Mt. Pleasant Electric Co.....	Lights.....	17 60	
Oct. 28	2423	A. S. Coutant.....	Printing.....	14 62	
	2424	W. Doughty.....	General supplies.....	9 89	
Nov. 30	2455	H. R. Pattengill.....	Advertising.....	27 50	
	2456	J. W. Hance, P. M.....	Postage.....	2 05	
					\$551 46
PRESENT YEAR.					
July 29	2353	Pay roll.....	Salaries.....	\$3,940 40	
	2354	Standard Oil Co.....	General supplies.....	4 90	
	2355	Standard Oil Co.....	General supplies.....	5 50	
	2356	Gregory, Mayer & Thom Co.....	General supplies.....	2 00	
	2357	George W. Rowe.....	General supplies.....	8 50	
	2358	Miner Demond.....	Grounds.....	101 70	
	2359	Miner Demond.....	Grounds.....	42 78	
	2360	Mrs. I. R. Jameson.....	Grounds.....	15 80	
	2361	John F. Butcher & Co.....	Grounds.....	43 50	
July 6	2362	Alex. B. Coffey.....	Lectures.....	60 00	
	2363	W. H. Cheever.....	Lectures.....	50 00	
July 18	2364	Geo. E. Vincent.....	Lectures.....	125 00	
July 29	2365	George Wahr.....	Library.....	182 34	
	2366	Am. Physical Educ. Asso.....	Library.....	6 01	
	2367	A. J. Armstrong.....	Extra labor.....	15 00	
	2368	Edna M. Bonton.....	Extra labor.....	8 75	
	2369	Mt. Pleasant Pub. Co.....	Printing.....	43 00	
	2370	Mich. State Tel. Co.....	Telephone.....	4 50	
	2371	Union Tel. Co.....	Telephone.....	10 50	
	2372	Bausch & Lomb Opt. Co.....	Laboratory.....	41	
	2373	Nathan C. Schaeffer.....	Lectures.....	60 00	
					4,730 59
Aug. 26	2375	Pay roll.....	Salaries.....	\$3,825 40	
	2376	F. L. Bishop, secretary.....	Sundries.....	121 26	
	2377	C. T. Grawn.....	Traveling expenses.....	32 79	
	2378	United Supply Co.....	General supplies.....	4 45	
	2379	Carlisle & Finch Co.....	General supplies.....	1 25	
	2380	Carr & Granger.....	General supplies.....	26 70	
	2381	Deane Steam Pump Co.....	General supplies.....	27 25	
	2382	Standard Oil Co.....	General supplies.....	4 40	
	2383	Gorham Bros. Co.....	General supplies.....	2 50	
	2384	Shaw Walker Co.....	General supplies.....	11 75	
	2385	H. R. Pattengill.....	General supplies.....	15 00	
	2386	Henry J. Green.....	General supplies.....	28 50	
	2387	A. S. Coutant.....	General supplies.....	1 04	
	2388	F. A. Thiers.....	General supplies.....	16 26	
	2389	Smith Premier T. W. Co.....	General supplies.....	6 70	
	2390	Library Bureau.....	Library.....	108 00	
	2391	A. C. McClurg & Co.....	Library.....	13 42	
	2392	Gorham Bros. Co.....	Repairs.....	2 66	
	2393	J. W. Hance, P. M.....	Postage.....	128 00	
	2394	Marshall Field & Co.....	Train, school sup.....	1 50	
	2395	Union Telephone Co.....	Telephone.....	90	

## STATE BOARD OF EDUCATION.

105

## Exhibit C.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1904					
Aug. 26	2396	Jonas Ettinger.....	Extra labor.....	\$51 37	
	2397	Joseph Myer.....	Extra labor.....	31 34	
					\$4,462 44
Sept. 23	2398	Pay roll.....	Salaries.....	\$3,524 20	
	2399	F. L. Bishop, secretary.....	Sundries.....	50 46	
	2400	Remington Typewriter Co.....	General supplies.....	99 50	
	2401	P. C. Taylor.....	General supplies.....	36 99	
	2402	Standard Oil Co.....	General supplies.....	2 20	
	2403	J. T. Hidey.....	General supplies.....	5 75	
	2404	West Disinfecting Co.....	General supplies.....	12 50	
	2405	Kee Lox Mfg. Co.....	General supplies.....	4 00	
	2406	J. H. Doughty.....	General supplies.....	20 44	
	2407	J. H. Doughty.....	General supplies.....	30 57	
	2408	P. C. Taylor.....	General supplies.....	34 62	
	2409	Montgomery, Ward & Co.....	General supplies.....	13 03	
	2410	Jas. R. Gray Co.....	Library.....	6 75	
	2411	A. C. McClurg & Co.....	Library.....	5 00	
	2412	Library Bureau.....	Library.....	4 80	
	2413	P. C. Taylor.....	Repairs.....	350 00	
	2414	Nettie Dean.....	Extra labor.....	3 00	
	2415	Mrs. A. Burke.....	Extra labor.....	6 40	
	2416	Mt. Pleasant Electric Co.....	Extra labor.....	15 50	
	2417	Alex. Y. Malcomson.....	Fuel.....	551 91	
	2418	Gregory, Mayer & Thom Co.....	Printing.....	8 00	
	2419	Lohrman Seed Co.....	Grounds.....	21 00	
	2420	Union Telephone Co.....	Telephone.....	2 15	
	2421	Geo. W. Minchin, P. M.....	Postage.....	10 00	
	2422	Joseph Dutton.....	Advertising.....	6 00	
					4,824 77
Oct. 28	2425	Pay roll.....	Salaries.....	\$3,733 90	
	2426	F. L. Bishop, secretary.....	Sundries.....	70 26	
	2427	F. G. Thiers.....	General supplies.....	17 38	
	2428	F. B. Clark.....	General supplies.....	61 92	
	2429	Marsh & Graham.....	General supplies.....	5 05	
	2430	W. Doughty.....	General supplies.....	26 69	
	2431	Goram Bros. Co.....	Repairs.....	72 22	
	2432	Foster Furn. & Hdw. Co.....	Gymnasium.....	1 76	
	2433	Wm. Gaertner & Co.....	Laboratory.....	205 50	
	2434	Harvard Apparatus Co.....	Laboratory.....	92 19	
	2435	Springport Bookbindery.....	Library.....	132 25	
	2436	Chicago Record-Herald.....	Library.....	3 00	
	2437	American Hist. Asso.....	Library.....	3 00	
	2438	Geo. W. Rowe.....	General supplies.....	46 50	
	2439	Briedenstein & Kane.....	General supplies.....	20 35	
	2440	Milwaukee D. B. Co.....	General supplies.....	5 25	
	2441	Tinker & Hannah.....	Furniture.....	110 00	
	2442	Bosley & Metzger.....	Furniture.....	65 00	
	2443	Henry Feige & Son.....	Furniture.....	12 00	
	2444	Prang Educational Co.....	Train, school sup.....	14 64	
	2445	Maynard, Merrill & Co.....	Train, school sup.....	15 59	
	2446	American Book Co.....	Train, school sup.....	4 80	
	2447	Chatterton & Son.....	Repairs.....	3 30	
	2448	Geo. A. Hicks.....	Repairs.....	15 77	
	2449	Orr & Lockett Hdw. Co.....	Train, school sup.....	3 60	
	2450	Union Telephone Co.....	Telephone.....	11 40	
	2451	Geo. E. Newall, Agent.....	Insurance.....	100 00	
	2452	City of Mt. Pleasant.....	Water.....	75 00	
	2453	W. O. Hullinger.....	Printing.....	4 50	
	2454	J. L. Childs.....	Grounds.....	2 35	
					4,936 05
Nov. 30	2457	Pay roll.....	Salaries.....	\$3,628 70	
	2458	F. L. Bishop, secretary.....	Sundries.....	40 76	
	2459	Carr & Granger.....	General supplies.....	22 27	
	2460	A. S. Contant.....	Printing.....	18 60	
	2461	Mt. Pleasant Pub. Co.....	Printing.....	11 76	
	2462	Foster Furn. & Hdw. Co.....	General supplies.....	2 60	
	2463	F. B. Clark.....	General supplies.....	5 04	
	2464	W. Doughty.....	General supplies.....	2 37	
	2465	J. H. Doughty.....	General supplies.....	102 11	
	2466	E. F. Collins.....	General supplies.....	4 00	
	2467	Allyn & Bacon.....	General supplies.....	1 37	
	2468	Wm. Garnet Jr., Rec.....	General supplies.....	10 08	
	2469	The Yale & Towne Mfg. Co.....	General supplies.....	1 05	
	2470	Loucks & Hunter.....	General supplies.....	4 30	
	2471	Palmer & Taggart.....	General supplies.....	1 30	

## STATE OF MICHIGAN.

Exhibit C.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1904 Nov. 30	2472	Standard Oil Co. ....	General supplies. . .	\$9 35	
	2473	Wilcox Furn. Co. ....	General supplies. . .	2 75	
	2474	Marsh & Graham. ....	General supplies. . .	6 57	
	2475	Grumiaux News & Sub. Co. ....	Library. ....	120 90	
	2476	A. C. McClurg & Co. ....	Library. ....	22 92	
	2477	George Wahr. ....	Library. ....	66 03	
	2478	Geo. W. Rowe. ....	Train. school sup. . .	12 66	
	2479	Bausch & Lomb. Opt. Co. ....	Laboratory. ....	2 23	
	2480	C. H. Stoelting Co. ....	Laboratory. ....	8 25	
	2481	Queen & Co., Inc. ....	Laboratory. ....	42 00	
	2482	Amer. R. & Reed Co. ....	Train. school sup. . .	9 25	
	2483	Marshall Field & Co. ....	Train. school sup. . .	3 00	
	2484	Gorham Bros. Co. ....	Train. school sup. . .	2 50	
	2485	Mich. State Tel. Co. ....	Telephone. ....	5 65	
	2486	Chatterton & Son. ....	Repairs. ....	1 10	
	2487	Atkinson, Mentzer & Grover. ....	Apparatus. ....	16 60	
	2488	Mrs. A. Burke. ....	Extra Labor. ....	4 00	
	2489	Mt. Pleasant Elec. Co. ....	Lights. ....	5 60	
	2490	D. M. Ferry & Co. ....	Grounds. ....	1 25	
	2491	Partridge & Blackwell. ....	Rug. ....	32 00	
	2492	W. O. Hullinger. ....	Printing. ....	5 50	
					\$4,236 52
Dec. 16	2493	Pay roll. ....	Salaries. ....	\$3,745 90	
Dec. 31	2494	F. L. Bishop, secretary. ....	Sundries. ....	53 50	
	2495	Thos. Charles Co. ....	Train. school sup. . .	12 24	
	2496	Kane Bros. ....	Train. school sup. . .	1 75	
	2497	The Macmillan Co. ....	Train. school sup. . .	60	
	2498	Ginn & Co. ....	Train. school sup. . .	90	
	2499	Rand, McNally & Co. ....	Train. school sup. . .	1 12	
	2500	Geo. W. Rowe. ....	Train. school sup. . .	38 83	
	2501	Montgomery, Ward & Co. ....	Train. school sup. . .	18 13	
	2502	F. G. Thiers. ....	Train. school sup. . .	19 47	
	2503	J. H. Doughty. ....	Train. school sup. . .	14 92	
	2504	P. C. Taylor. ....	Train. school sup. . .	1 64	
	2505	J. N. Conrad Iron Works. ....	General supplies. . .	22 22	
	2506	Carr & Granger. ....	General supplies. . .	11 83	
	2507	W. Doughty. ....	General supplies. . .	1 40	
	2508	Standard Oil Co. ....	General supplies. . .	21 40	
	2509	Geo. A. Hicks. ....	General supplies. . .	25 78	
	2510	Allyn & Bacon. ....	General supplies. . .	2 40	
	2511	F. B. Clark. ....	General supplies. . .	3 29	
	2512	F. W. Rogers. ....	General supplies. . .	1 50	
	2513	Morrison & Daines. ....	General supplies. . .	4 20	
	2514	Gd. Rapids Sch. Furn. Wks. ....	General supplies. . .	60	
	2515	Aermotor Co. ....	General supplies. . .	1 00	
	2516	Electric Appliance Co. ....	General supplies. . .	9 78	
	2517	Queen & Co., Inc. ....	Laboratory. ....	12 08	
	2518	Marine Biol. Laboratory. ....	Laboratory. ....	2 20	
	2519	A. W. Hall Scientific Co. ....	Laboratory. ....	41 95	
	2520	Romeyn B. Huff. ....	Laboratory. ....	4 00	
	2521	Bausch & Lomb Opt. Co. ....	Laboratory. ....	41	
	2522	Harvard Apparatus Co. ....	Laboratory. ....	10 80	
	2523	Mary Slater. ....	Extra labor. ....	9 00	
	2524	Frank Robinson. ....	Extra labor. ....	4 00	
	2525	Mrs. A. Burk. ....	Extra labor. ....	4 04	
	2526	Nettie Dean. ....	Extra labor. ....	3 00	
	2527	Joseph Myra. ....	Fuel. ....	16 89	
	2528	Alex. Y. Malcomson. ....	Fuel. ....	161 64	
	2529	Union Telephone Co. ....	Telephone. ....	1 85	
	2530	Narragansett Machine Co. ....	Apparatus. ....	9 60	
	2531	George Wahr. ....	Library. ....	84 53	
	2532	W. O. Hullinger. ....	Printing. ....	6 00	
					4,386 59
1905. Jan. 31	2533	Pay roll. ....	Salaries. ....	\$3,833 35	
	2534	C. T. Grawn. ....	Traveling expenses. . .	11 53	
	2535	F. L. Bishop, secretary. ....	Sundries. ....	26 07	
	2536	Carr & Granger. ....	General supplies. . .	10 38	
	2537	Marsh & Graham. ....	General Supplies. . .	14 17	
	2538	F. G. Thiers. ....	General supplies. . .	22 05	
	2539	Eberbach & Son. ....	General supplies. . .	99 15	
	2540	J. E. Bolles Iron & Wire Wks. ....	General supplies. . .	63 55	

## STATE BOARD OF EDUCATION.

107

## Exhibit C.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905 Jan. 31	2541	F. B. Clark.....	General supplies..	\$8 54	
	2542	Titusville Iron Co.....	General supplies..	23 07	
	2543	H. R. Pattengill.....	General supplies..	9 00	
	2544	The Ohio Motor Co.....	General supplies..	2 00	
	2545	Ihling Bros. & Everard.....	General supplies..	12 50	
	2546	W. Doughty.....	General supplies..	1 97	
	2547	John R. Wood.....	General supplies..	1 00	
	2548	Morrison & Daines.....	General supplies..	2 00	
	2549	Nat'l Educational Ass'n.....	Library.....	2 00	
	2550	W. Millard Palmer Co.....	Library.....	83 35	
	2551	Orr & Lockett Hdw. Co.....	Train. school sup..	6 24	
	2552	E. Tetzner.....	Train. school sup..	1 57	
	2553	Marshall Field & Co.....	Train. school sup..	11 00	
	2554	Vaughan's Seed Store.....	Train. school sup..	2 50	
	2555	Kennedy Bros.....	Repairs.....	11 30	
	2556	Chatterton & Son.....	Repairs.....	1 65	
	2557	Gorham Bros. Co.....	Repairs.....	20 79	
	2558	Mt. Pleasant Electric Co.....	Lights.....	75 00	
	2559	Alex. Y. Malcomson.....	Fuel.....	113 90	
	2560	Mich. State Tel. Co.....	Telephone.....	65	
	2561	Union Telephone Co.....	Telephone.....	1 00	
	2562	Thomas Charles Co.....	Train. school sup..	22 30	
	2563	City of Mt. Pleasant.....	Water.....	37 50	
	2564	Geo. W. Minchin.....	Printing.....	2 30	
					\$4,533 38
Feb. 28	2565	Pay roll.....	Salaries.....	\$3,468 80	
	2566	C. T. Grawn.....	Traveling expenses..	10 95	
	2567	E. W. Arnold.....	Services.....	20 00	
	2568	E. W. Arnold.....	Traveling expenses..	9 28	
	2569	F. L. Bishop, secretary.....	Sundries.....	37 73	
	2570	Marsh & Graham.....	General supplies..	2 52	
	2571	George Wahr.....	Library.....	152 05	
	2572	W. Doughty.....	General supplies..	5 98	
	2573	A. S. Coutant.....	General supplies..	8 32	
	2574	Morrison & Daines.....	General supplies..	5 95	
	2575	F. B. Clark.....	General supplies..	11 65	
	2576	Electric Appliance Co.....	General supplies..	23 20	
	2577	The Carlisle & Finch Co.....	General supplies..	2 50	
	2578	J. H. Doughty.....	General supplies..	16 47	
	2579	Loucks & Hunter.....	General supplies..	1 15	
	2580	The Ohio Motor Co.....	General supplies..	3 90	
	2581	Milwaukee D. Brush Co.....	General supplies..	4 88	
	2582	Mt. Pleasant Electric Co.....	Lights.....	49 62	
	2583	Alex. Y. Malcomson.....	Fuel.....	136 01	
	2584	W. S. McMillan.....	Fuel.....	129 64	
	2585	Standard Oil Co.....	General supplies..	30 24	
	2586	Springport Bookbindery.....	Library.....	33 48	
	2587	Library Bureau.....	Library.....	18 00	
	2588	Grumiaux News & Sub. Co.....	Library.....	12 25	
	2589	Fox, Duffield & Co.....	Library.....	10 00	
	2590	F. L. Keeler, Mgr.....	Advertising.....	20 00	
	2591	H. R. Pattengill.....	Advertising.....	23 50	
	2592	Mich. State Telephone Co.....	Telephone.....	6 00	
	2593	Horace Partridge & Co.....	Gymnasium.....	9 45	
	2594	Narragansett Machine Co.....	Gymnasium.....	7 00	
	2595	W. P. Williams.....	Gymnasium.....	15 19	
	2596	W. O. Hullinger.....	Printing.....	12 00	
	2597	Mrs. A. Burke.....	Extra labor.....	4 48	
	2598	Mary Slater.....	Extra labor.....	10 00	
	2599	Vaughan's Seed Store.....	Train. school sup..	10 60	
	2600	Thomas Charles Co.....	Train. school sup..	2 69	
	2601	Geo. W. Rowe.....	Train. school sup..	25 50	
	2602	Spencer Lens Co.....	Apparatus.....	88 19	
	2603	Albert V. Renwick.....	Tuning pianos.....	5 00	
	2604	A. B. Dick Co.....	Laboratory.....	10 26	
	2605	Williams, Brown & Earle.....	Laboratory.....	2 25	
	2606	Joseph Myra.....	Fuel.....	14 21	
					4,470 89
Mar. 31	2607	Pay roll.....	Salaries.....	\$3,830 85	
	2608	C. D. Larzelere.....	Traveling expenses..	3 44	
	2609	Fred L. Keeler.....	Traveling expenses..	12 67	
	2610	Fred L. Keeler.....	Traveling expenses..	9 66	

## STATE OF MICHIGAN.

## Exhibit C.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905 Mar. 31	2611	George W. Loomis.....	Traveling expenses.	\$10 69	
	2612	F. L. Bishop, secretary.....	Sundries.....	47 26	
	2613	The Gorham Bros. Co.....	Supplies.....	7 60	
	2614	Foster Furn. & Hdw. Co.....	Supplies.....	5 38	
	2615	J. L. Hammett Co.....	Supplies.....	48 20	
	2616	Prang Educational Ass'n.....	Supplies.....	27 92	
	2617	F. G. Thiers.....	Supplies.....	10 17	
	2618	The Shaw-Walker Co.....	Supplies.....	15 81	
	2619	W. Doughty.....	Supplies.....	6 58	
	2620	A. S. Coutant.....	Supplies.....	16 61	
	2621	Carr & Granger.....	Supplies.....	9 52	
	2622	Gregory, Mayer & Thom Co.....	Supplies.....	13 55	
	2623	F. B. Clark.....	Supplies.....	5 18	
	2624	J. H. Doughty.....	Supplies.....	12 83	
	2625	J. H. Doughty.....	Supplies.....	190 00	
	2626	S. D. Childs & Co.....	Supplies.....	17 50	
	2627	Ihling Bros. & Everard.....	Supplies.....	14 63	
	2628	Standard Oil Co.....	Supplies.....	15 16	
	2629	Electric Appliance Co.....	Supplies.....	4 00	
	2630	Remington Typewriter Co.....	Supplies.....	50 50	
	2631	David Forbes.....	Supplies.....	13 84	
	2632	Joseph Myra.....	Fuel.....	22 17	
	2633	N. D. Taylor, Agent.....	Fuel.....	83 14	
	2634	Wenona Coal & Mining Co.....	Fuel.....	58 14	
	2635	W. S. McMillan.....	Fuel.....	58 14	
	2636	H. Soule, treasurer.....	Laboratory.....	9 00	
	2637	Eberbach & Son.....	Laboratory.....	42 94	
	2638	Frank E. Robinson.....	Extra labor.....	3 40	
	2639	Mary Slater.....	Extra labor.....	5 00	
	2640	Mrs. A. Burk.....	Extra labor.....	3 08	
	2641	Nettie Dean.....	Extra labor.....	3 00	
	2642	George Wahr.....	Library.....	94 51	
	2643	The Macmillan Co.....	Library.....	3 02	
	2644	American Book Co.....	Library.....	40 56	
	2645	Mt. Pleasant Pub. Co.....	Printing.....	13 68	
	2646	John W. Hance, P. M.....	Postage.....	310 00	
	2647	W. Scott Thurber.....	Works of art.....	515 65	
	2648	Mt. Pleasant Electric Co.....	Lights.....	29 40	
	2649	Atkinson, Mentzer & Grover.....	Apparatus.....	4 50	
	2650	Union Telephone Co.....	Telephone.....	12 95	
	2651	Albert V. Renwick.....	Tuning pianos.....	6 00	
	2652	Narragansett Machine Co.....	Gymnasium.....	25 50	
	2653	Orr & Lockett Hdw. Co.....	Gymnasium.....	4 38	\$5,644 44
April 29	2654	Pay roll.....	Salaries.....	\$3,672 40	
	2655	F. L. Bishop, secretary.....	Sundries.....	24 35	
	2656	Eberbach & Son.....	Laboratory.....	25 50	
	2657	F. G. Thiers.....	General supplies.....	25 65	
	2658	P. C. Taylor.....	General supplies.....	3 00	
	2659	C. T. Grawn.....	Traveling expenses.....	15 14	
	2660	C. S. Larzelere.....	Traveling expenses.....	8 27	
	2661	R. D. Calkins.....	Traveling expenses.....	2 52	
	2662	George Wahr.....	Library.....	79 95	
	2663	Springport Bookbindery.....	Library.....	60 69	
	2664	Fairmont Coal Co.....	Fuel.....	120 63	
	2665	W. S. McMillan.....	Fuel.....	14 77	
	2666	A. M. Anspaugh.....	Fuel.....	9 37	
	2667	J. H. Doughty.....	General supplies.....	2 44	
	2668	J. L. Hammett Co.....	General supplies.....	16 25	
	2669	Standard Oil Co.....	General supplies.....	15 43	
	2670	Carr & Granger.....	General supplies.....	6 64	
	2671	Electric Appliance Co.....	General supplies.....	26 56	
	2672	Mt. Pleasant Light & Pow. Co.....	Repairs.....	49 86	
	2673	Klingman's Sample Furn. Co.....	Furniture.....	18 00	
	2674	W. O. Hullinger.....	Printing.....	6 00	
	2675	A. S. Coutant.....	Printing.....	17 00	
	2676	Mt. Pleasant Electric Co.....	Lights.....	53 16	
	2677	Mrs. A. Burk.....	Extra labor.....	3 28	4,276 86
May 31	2678	Pay roll.....	Salaries.....	\$3,778 70	
	2679	F. L. Bishop, secretary.....	Sundries.....	38 20	
	2680	C. T. Grawn.....	Traveling expenses.....	34 50	
	2681	C. T. Grawn.....	Traveling expenses.....	16 10	

## STATE BOARD OF EDUCATION.

169

## Exhibit C.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905					
May 31	2682	George W. Loomis.....	Traveling expenses.	\$7 28	
	2683	F. L. Keeler.....	Traveling expenses.	9 46	
	2684	F. G. Thiers.....	General supplies.	20 00	
	2685	Marsh & Graham.....	General supplies.	8 11	
	2686	W. Doughty.....	General supplies.	2 30	
	2687	George W. Rowe.....	General supplies.	52 73	
	2688	Breidenstein & Kane.....	General supplies.	12 38	
	2689	Carr & Granger.....	General supplies.	17 00	
	2690	Gregory, Mayer & Thom Co..	General supplies.	7 50	
	2691	Montgomery, Ward & Co....	General supplies.	5 50	
	2692	Standard Oil Co.....	General supplies.	9 46	
	2693	Jared H. Doughty.....	General supplies.	13 52	
	2694	John F. Butcher & Co.....	General supplies.	5 40	
	2695	F. B. Clark.....	General supplies.	11 40	
	2696	John Lewis Childs.....	Grounds.....	13 95	
	2697	Jonas Ettinger.....	Grounds.....	33 25	
	2698	A. M. Anspaugh.....	Grounds.....	21 98	
	2699	Joseph Myra.....	Grounds.....	43 40	
	2700	D. L. Kyes.....	Grounds.....	24 08	
	2701	Eli Ferris.....	Grounds.....	2 50	
	2702	John J. Ferris.....	Grounds.....	26 70	
	2703	Mt. Pleasant Pub. Co.....	Printing.....	97 00	
	2704	W. O. Hullinger.....	Printing.....	8 00	
	2705	Alex. Y. Malcomson.....	Fuel.....	783 90	
	2706	Robert N. Hays.....	Library.....	4 25	
	2707	Grumiaux News & Sub. Co....	Library.....	1 75	
	2708	Hammond Publishing Co.....	Train. school sup..	9 00	
	2709	Prang Educational Co.....	Train. school sup..	1 18	
	2710	Harvard Apparatus Co.....	Apparatus.....	3 51	
	2711	Mrs. A. Burk.....	Extra labor.....	2 92	
	2712	Mary Slater.....	Extra labor.....	13 00	
	2713	W. Scott Thurber.....	Works of art.....	33 75	
	2714	G. W. Minchin, P. M.....	Postage.....	10 00	
	2715	John P. Troy.....	Geography dept....	25 00	
	2716	Mt. Pleasant L. & F. Co....	Laboratory.....	36 85	
	2717	Gorham Bros. Co.....	Repairs.....	7 33	
					\$5,252 84
June 21	2718	Pay roll.....	Salaries.....	\$3,659 40	
June 30	2719	C. T. Grawn.....	Traveling expenses.	9 44	
	2720	W. Doughty.....	General supplies.	2 34	
	2721	F. B. Clark.....	General supplies.	7 22	
	2722	J. H. Doughty.....	General supplies.	2 25	
	2723	P. C. Taylor.....	General supplies.	3 18	
	2724	Foster Furn. & Hdwe. Co....	General supplies.	23 94	
	2725	Carr & Granger.....	General supplies.	2 87	
	2726	Morrison & Daines.....	General supplies.	1 35	
	2727	Marsh & Graham.....	General supplies.	3 20	
	2728	A. S. Coutant.....	General supplies.	21 57	
	2729	E. F. Collins.....	General supplies.	41 50	
	2730	F. G. Thiers.....	General supplies.	2 60	
	2731	Randall & Seekell.....	General supplies.	5 18	
	2732	Standard Oil Co.....	General supplies.	10 95	
	2733	Loucks & Hunter.....	General supplies.	1 50	
	2734	Grand Rapids Supply Co....	General supplies.	1 88	
	2735	The Ohio Motor Co.....	General supplies.	1 86	
	2736	Electric Appliance Co.....	General supplies.	4 32	
	2737	Electric Appliance Co.....	General supplies.	3 92	
	2738	Titusville Iron Co.....	General supplies.	34 05	
	2739	Montgomery, Ward & Co....	General supplies.	9 51	
	2740	I. N. Conrad Iron Works.....	General supplies.	7 80	
	2741	George Wahr.....	Library.....	99 45	
	2742	Library Bureau.....	Library.....	14 00	
	2743	School Sci. & Math.....	Library.....	9 50	
	2744	George Wahr.....	Library.....	191 72	
	2745	Phil. Book Store Co.....	Library.....	16 50	
	2746	Library Bureau.....	Library.....	4 15	
	2747	W. H. Trussell.....	Grounds.....	10 00	
	2748	Central Mich. Nursery.....	Grounds.....	59 25	
	2749	John Lewis Childs.....	Grounds.....	4 35	
	2750	John F. Butcher & Co.....	Grounds.....	3 80	
	2751	Kennedy Bros.....	Grounds.....	9 28	
	2752	City of Mt. Pleasant.....	Cement walks.....	82 50	
	2753	Mt. Pleasant Pub. Co.....	Printing.....	20 50	
	2754	Scharf Tag, Label & Box Co..	Year books.....	234 32	
	2755	Nettie Dean.....	Extra labor.....	3 00	
	2756	F. E. Robinson.....	Extra labor.....	16 25	
	2757	Mrs. A. Burk.....	Extra labor.....	3 88	

## STATE OF MICHIGAN.

*Exhibit C.—Concluded.*

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905 June 30	2758	Mich. State Tel. Co.....	Telephone.....	\$12 10	
	2759	Union Telephone Co.....	Telephone.....	19 30	
	2760	J. A. Faucher, Ex.....	Athletics.....	25 00	
	2761	Palmer & Taggart.....	Athletics.....	18 25	
	2762	Horace Partridge & Co.....	Athletics.....	34 17	
	2763	Thomas Charles Co.....	Train. school sup..	22 62	
	2764	Welsh & Mayer.....	Train. school sup..	2 60	
	2765	Eberbach & Son.....	Laboratory.....	27 45	
	2766	Mt. Pleasant Light & F. Co.....	Laboratory.....	2 21	
	2767	H. R. Pattengill.....	Advertising.....	23 50	
	2768	F. L. Keeler, Mgr.....	Advertising.....	30 00	
	2769	City of Mt. Pleasant.....	Water.....	37 50	
	2770	Mary Slater.....	Extra labor.....	7 00	
	2771	A. E. Winship.....	Lectures.....	150 00	
	2772	Albert V. Renwick.....	Tuning piano.....	2 00	
					\$5,067 78
1905. July 1		Total disbursements, current expense.....			\$57,374 61
		Balance on hand.....			1,110 85
		Total credits, current expense.....			\$58,485 46



## STATE BOARD OF EDUCATION.

111

## EXHIBIT D.

*Luther L. Wright, Treasurer, Cr., for fiscal year ending June 30, 1906.*

## ON ACCOUNT OF CURRENT EXPENSE.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
<b>FORMER YEAR.</b>					
1905.					
July 31	2773	F. L. Bishop, secretary.....	Sundries.....	\$46 48	
	2774	F. L. Bishop, secretary.....	Sundries.....	29 90	
	2775	Carr & Granger.....	General supplies.....	7 45	
	2776	Standard Oil Co.....	General supplies.....	13 66	
	2777	W. Doughty.....	General supplies.....	1 46	
	2778	F. B. Clarke.....	General supplies.....	10 62	
	2779	J. H. Doughty.....	General supplies.....	26 98	
	2780	Library Bureau.....	Library.....	117 00	
	2781	Wm. H. Trussell.....	Grounds.....	12 50	
	2782	A. M. Anspaugh.....	Grounds.....	41 87	
July 5	2783	Thomas Sampson.....	Grounds.....	472 90	
July 31	2784	Joseph Myra.....	Grounds.....	20 30	
	2785	Mrs. A. Burk.....	Extra labor.....	2 88	
	2786	Mich. State Tel. Co.....	Telephone.....	10 80	
	2787	Montgomery, Ward & Co.....	Manual training.....	5 20	
	2788	W. Scott Thurber.....	Art dept.....	5 40	
	2789	The Gorham Bros. Co.....	Repairs.....	8 50	
	2790	Mt. Pleasant Electric Co.....	Lights.....	38 76	
	2791	Mt. Pleasant Light & Fuel Co.	Lights.....	1 95	
					\$874 41
Aug. 25	2813	Eberbach & Son.....	Laboratory.....	\$70 98	
	2814	Ypsilanti Daily Press.....	Printing.....	4 80	
	2815	A. S. Coutant.....	Printing.....	15 87	
	2816	Union Telephone Co.....	Telephone.....	5 70	
	2817	Allyn & Bacon.....	General supplies.....	2 71	
	2818	Randall & Seekell.....	General supplies.....	3 45	
	2819	Vaughan's Seed Store.....	Sundries.....	5 14	
					108 65
Sept. 30	2842	P. C. Taylor.....	Sundries.....	\$2 65	
	2843	W. O. Hullinger.....	Printing.....	35 15	
	2844	Geo. W. Lord Co.....	General supplies.....	30 00	
	2845	Harvard Apparatus Co.....	Apparatus.....	1 25	
	2846	George Wahr.....	Library.....	5 05	
					74 10
Oct. 25	2865	W. S. McMillen.....	Fuel.....	\$2 00	
					2 00
Nov. 24	2904	The Detroit Free Press.....	Advertising.....	\$11 52	
	2905	W. Scott Thurber.....	Stationery.....	24 00	
	2906	J. W. Hance.....	Postage.....	16 17	
					51 69
		Total expenditures, former year.....			\$1,110 85
<b>PRESENT YEAR.</b>					
1905.					
July 29	2792	Pay roll.....	Salaries.....	\$4,260 90	
July 31	2793	F. G. Thiers.....	Laboratory.....	19 75	
	2794	Univ. of Chicago Press.....	Library.....	12 11	
	2795	The Manual Arts Press.....	Library.....	1 00	
	2796	Marsh & Graham.....	General supplies.....	21 60	
	2797	Carr & Granger.....	General supplies.....	1 00	
	2798	City of Mt. Pleasant.....	Water rent.....	37 50	
	2799	Welsh & Moyer.....	Laboratory.....	1 10	
	2800	Mt. Pleasant L. & F. Co.....	Lights.....	2 10	
	2801	Harvard Apparatus Co.....	Laboratory.....	40 00	

## Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905					
July 29	2802	Palmer & Taggart.....	Laboratory.....	\$4 34	\$4,733 60
	2803	The A. H. Andrews Co.....	Laboratory.....	123 00	
	2804	A. F. Bruske.....	Lectures.....	15 00	
	2805	H. R. Pattengill.....	Lectures.....	40 00	
	2806	C. H. French.....	Lectures.....	125 00	
	2807	Richmond & Backus Co.....	Furniture.....	29 20	
Aug. 25	2820	Pay roll.....	Salaries.....	\$4,068 10	4,595 85
	2821	F. L. Bishop, secretary.....	Sundries.....	23 16	
	2822	W. Doughty.....	Sundries.....	2 35	
	2823	Bausch & Lomb Opt. Co.....	Laboratory.....	53 69	
	2824	Mt. P. Light & Fuel Co.....	Laboratory.....	2 73	
	2825	Wm. Gaertner & Co.....	Laboratory.....	160 00	
	2826	J. W. Hance, P. M.....	Postage.....	150 00	
	2827	Edward F. Biglow.....	Lectures.....	60 00	
	2828	A. N. Ward & Co.....	General supplies.....	4 35	
	2829	Johnson Service Co.....	General supplies.....	4 25	
	2830	J. H. Doughty.....	General supplies.....	6 59	
	2831	Melvin W. Kenney.....	General supplies.....	7 80	
	2832	Union Telephone Co.....	Telephone.....	14 40	
	2833	Gorham Bros. Co.....	Repairs.....	8 89	
	2834	Mt. Pleasant Electric Co.....	Lights.....	8 40	
	2835	A. J. Armstrong.....	Extra labor.....	12 50	
	2836	Mrs. A. Burk.....	Extra labor.....	3 64	
	2837	Osceola Co. Fair Ass'n.....	Advertising.....	5 00	
Sept. 30	2847	Pay roll.....	Salaries.....	\$3,673 20	5,088 87
	2848	C. T. Grawn.....	Traveling expenses.....	41 35	
	2849	F. L. Bishop, secretary.....	Sundries.....	97 77	
	2850	P. C. Taylor.....	Supplies.....	3 03	
	2851	Mt. Pleasant L. & F. Co.....	Supplies.....	5 83	
	2852	Titusville Iron Co.....	Supplies.....	6 30	
	2853	J. H. Doughty.....	Supplies.....	14 92	
	2854	Prang Educational Co.....	Train, school sup.....	12 72	
	2855	W. H. Lloyd.....	Repairs.....	688 50	
	2856	C. H. Bailey.....	Repairs.....	400 00	
	2857	Gorham Bros. Co.....	Repairs.....	21 76	
	2858	Nettie Dean.....	Extra labor.....	3 00	
	2859	Mrs. A. Burk.....	Extra labor.....	2 08	
	2860	J. A. Fancher, Exec.....	Athletics.....	50 00	
	2861	Randall & Seekell.....	Repairs.....	54 40	
	2862	A. M. Ansbaugh.....	Grounds.....	9 36	
	2863	W. Doughty.....	General supplies.....	3 65	
	2864	John R. Wood.....	General supplies.....	1 00	
Oct. 31	2866	Pay roll.....	Salaries.....	\$4,044 79	5,088 87
Oct. 25	2867	C. T. Grawn.....	Traveling expenses.....	7 83	
	2768	F. L. Bishop, secretary.....	Sundries.....	76 30	
	2869	Carr & Granger.....	Laboratory.....	11 76	
	2870	Marsh & Graham.....	General supplies.....	13 29	
	2871	Grand Rapids Supply Co.....	General supplies.....	9 49	
	2872	Mt. Pleasant L. & F. Co.....	General supplies.....	12 24	
	2873	The Ohio Motor Co.....	General supplies.....	6 75	
	2874	F. B. Clark.....	General supplies.....	39 48	
	2875	Standard Oil Co.....	General supplies.....	34 91	
	2876	Titusville Iron Co.....	General supplies.....	5 06	
	2877	Montgomery, Ward & Co.....	General supplies.....	16 50	
	2878	Slattington Bangor St. Syn.....	Repairs.....	67 90	
	2879	Chatterton & Sons.....	Repairs.....	13 05	
	2880	W. H. Lloyd.....	Repairs.....	404 46	
	2881	Kennedy Bros.....	Repairs.....	1 70	
	2882	J. H. Doughty.....	Repairs.....	22 16	
	2883	H. Bailey.....	Repairs.....	42 70	
	2884	A. S. Coutant.....	Train, school sup.....	11 25	
	2885	Gd. Rapids Sch. Furn. Wks.....	Train, school sup.....	7 00	
	2886	Binney & Smith Co.....	Train, school sup.....	1 50	
	2887	Maynard, Merrill & Co.....	Train, school sup.....	6 91	
	2888	Henry Gannett, secretary.....	Library.....	5 00	
	2889	George Wahr.....	Library.....	27 48	
	2890	Gorham Bros. Co.....	Athletics.....	9 65	
	2891	Strang Sporting Gds. Co.....	Athletics.....	124 50	
	2892	Union Telephone Co.....	Telephone.....	15 00	
	2893	Mich. State Telephone Co.....	Telephone.....	12 85	
	2894	W. S. McMillen.....	Fuel.....	9 33	

## STATE BOARD OF EDUCATION.

113

## Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905 Oct. 25	2895	Bunkio Matsuki.....	Art dept.....	\$19 56	\$5,132 90
	2896	F. L. Keeler, Mgr.....	Advertising.....	30 00	
	2897	Harriet L. Sherman.....	Works of art.....	12 50	
	2898	Geo. W. Minchin, P. M.....	Postage.....	10 00	
Nov. 30 Nov. 24	2907	Pay roll.....	Salaries.....	\$3,930 39	5,183 77
	2908	C. T. Grawn.....	Contingent.....	26 75	
	2909	Florence L. Bishop, secretary..	Sundries.....	102 17	
	2910	F. G. Thiers.....	Sundries.....	41 49	
	2911	F. B. Clark.....	Sundries.....	13 75	
	2912	Carr & Granger.....	Sundries.....	2 50	
	2913	A. S. Coutant.....	Sundries.....	30 80	
	2914	Mt. Pleasant L. & Fuel Co.....	Sundries.....	13 13	
	2915	W. Doughty.....	Sundries.....	4 91	
	2916	Milwaukee Brush Co.....	General supplies.....	11 81	
	2917	Allyn & Bacon.....	General supplies.....	7 20	
	2918	C. F. Marsh & Co.....	General supplies.....	7 00	
	2919	A. N. Ward.....	General supplies.....	13 82	
	2920	H. R. Pattengill.....	General supplies.....	9 00	
	2921	The Psychological Rev.....	Library.....	38 50	
	2922	Florence Chandler.....	Library.....	40 00	
	2923	Chicago Record Herald.....	Library.....	3 00	
	2924	Gruniaux News & Sub. Co.....	Library.....	138 15	
	2925	George Wahr.....	Library.....	126 95	
	2926	R. R. Bowker.....	Library.....	7 50	
	2927	Geo. B. Fuller.....	Library.....	25 00	
	2928	Gustaf Larson.....	Library.....	1 50	
	2929	Library Bureau.....	Library.....	6 85	
	2930	Gruniaux News & Sub. Co.....	Library.....	14 25	
	2931	American Book Co.....	Library.....	10 45	
	2932	Ginn & Co.....	Library.....	10 00	
	2933	Houghton, Mifflin & Co.....	Library.....	5 00	
	2934	Atkinson, Mentzer & Grover.....	Library.....	4 80	
	2935	The Macmillan Co.....	Library.....	4 65	
	2936	Silver, Burdett & Co.....	Train. school sup.....	17 00	
	2937	The Gorham Bros. Co.....	Alt's and repairs.....	22 90	
	2938	Foster Furn. & Hardw. Co.....	Furniture.....	15 25	
	2939	The Edmondson Co.....	Geog. dept.....	26 50	
	2940	D. C. Heath & Co.....	Geog. dept.....	4 10	
	2941	Mt. Pleasant Pub. Co.....	Printing.....	21 40	
	2942	W. O. Hullinger.....	Printing.....	14 00	
	2943	Alex. Y. Malcomson.....	Fuel.....	165 95	
	2944	J. H. Doughty.....	Manual training.....	30 11	
	2945	W. C. McDonald.....	Grounds.....	156 47	
	2946	Mt. Pleasant Electric Co.....	Lights.....	26 07	
	2947	F. L. Keeler, Mgr.....	Advertising.....	20 00	
	2948	Mich. State Telephone Co.....	Tel. rental.....	4 10	
	2949	A. V. Renwick.....	Music dept.....	6 00	
	2950	Mrs. A. Burk.....	Extra labor.....	2 60	
Dec. 31 Dec. 29	2954	Pay roll.....	Salaries.....	\$4,067 39	
	2955	John Kelley.....	Contingent.....	4 96	
	2956	C. T. Grawn.....	Contingent.....	23 91	
	2957	F. L. Bishop, secretary.....	Sundries.....	45 49	
	2958	F. G. Thiers.....	Sundries.....	22 50	
	2959	Marsh & Graham.....	Sundries.....	12 40	
	2960	W. Doughty.....	Sundries.....	15 80	
	2961	J. H. Doughty.....	Sundries.....	15 92	
	2962	A. M. Anspaugh.....	Sundries.....	38 45	
	2963	Gorham Bros. Co.....	Alt. and repairs.....	27 29	
	2964	Adolph Leitelt Iron Wks.....	Alt. and repairs.....	8 00	
	2965	Randall & Seekell.....	Alt. and repairs.....	19 20	
	2966	Cole Bros.....	Alt. and repairs.....	9 70	
	2967	Hermann Elec. Const. Co.....	Alt. and repairs.....	139 75	
	2968	Standard Oil Co.....	General supplies.....	18 73	
	2969	F. B. Clark.....	General supplies.....	7 98	
	2970	A. B. Dick Co.....	General supplies.....	1 80	
	2971	A. S. Coutant.....	Train. school sup.....	4 15	
	2972	Ginn & Co.....	Train. school sup.....	7 50	
	2973	Gd. Rapids Sch. Furn. Co.....	Train. school sup.....	2 00	
	2974	George Wahr.....	Library.....	211 76	
	2975	Benj. Sanbone & Co.....	Library.....	3 90	
	2976	Springport Bookbindery.....	Library.....	138 35	
	2977	Mt. Pleasant L. & F. Co.....	Lights.....	7 61	
	2978	Mt. Pleasant Electric Co.....	Lights.....	43 32	

## STATE OF MICHIGAN.

## Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905 Dec. 29	2979	Alex. Y. Malcomson.	Fuel.	\$584 42	
	2980	Eberbach & Son.	Laboratory.	22 80	
	2981	Mt. Pleasant Pub. Co.	Science dept.	2 00	
	2982	Kane Bros.	Grounds.	3 40	
	2983	Joseph Myra.	Grounds.	7 50	
	2984	A. Flanagan Co.	Furniture.	27 00	
	2985	Klingman's Sample Furn.	Furniture.	8 00	
	2986	Mrs. A. Burk.	Extra labor.	3 56	
	2987	Nettie Dean.	Extra labor.	3 00	
	2988	P. C. Taylor.	Office supplies.	1 73	
	2989	Mich. State Tel. Co.	Rental.	4 65	
	2990	Union State Telephone Co.	Rental.	5 35	
	2991	Bradner Smith Co.	Manual training.	18 95	
	2992	Elton Graham.	Tuition refunded.	3 00	
	2993	W. H. Lloyd.	Alterations.	623 70	
	2994	Herrmann Elec. Const. Co.	Alterations.	272 40	
	2995	Cole Bros.	Alterations.	59 05	
	2996	Herrmann Elec. Const. Co.	Alt. and repairs.	51 72	
					\$6,600 09
1906. Jan. 31 Jan. 26	3002	Pay roll.	Salaries.	\$4,198 09	
	3003	F. L. Bishop, secretary.	Sundries.	38 97	
	3004	J. H. Doughty.	Sundries.	52 50	
	3005	Wm. W. Maxwell.	Sundries.	10 75	
	3006	W. Doughty.	Sundries.	4 52	
	3007	Carr & Granger.	Sundries.	4 55	
	3008	The Edmondson Co.	Sundries.	21 40	
	3009	Geo. W. Lord Co.	General supplies.	31 70	
	3010	Electric Appliance Co.	General supplies.	20 21	
	3011	White Mop Wringer Co.	General supplies.	4 50	
	3012	S. D. Childs & Co.	General supplies.	20 00	
	3013	Marsh & Graham.	General supplies.	21 65	
	3014	F. B. Clark.	General supplies.	15 42	
	3015	George Wahr.	Library.	220 41	
	3016	National Educational Asso.	Library.	2 00	
	3017	Library Bureau.	Library.	215 00	
	3018	Lorenzo Warner.	Repairs.	4 50	
	3019	I. N. Conrad.	Repairs.	10 85	
	3020	Morrison & Davis.	Repairs.	7 75	
	3021	David Maurer.	Repairs.	12 00	
	3022	The Gorham Bros. Co.	Repairs.	87 54	
	3023	Alex. Y. Malcomson.	Fuel.	913 90	
	3024	Longmans, Green & Co.	Train. school sup.	52 50	
	3025	Prang Educational Co.	Train. school sup.	15 60	
	3026	A. G. Spalding & Bros.	Apparatus.	123 80	
	3027	Chas. E. Mather.	Manual training.	8 90	
	3028	Am. Rattan & Reed Mfg. Co.	Manual training.	1 25	
	3029	John F. Butcher & Co.	Manual training.	5 00	
	3030	A. S. Coutant.	Printing.	9 15	
	3031	Tinker & Hannah.	Furniture.	20 00	
	3032	E. T. Collins.	Advertising.	12 00	
	3033	W. Scott Thurber.	Works of art.	83 40	
	3034	A. M. Anspaugh.	Extra labor.	37 50	
	3035	Mt. Pleasant L. & Fuel Co.	Lights.	9 10	
	3036	Albert V. Renwick.	Music dept.	2 50	
	3037	Mich. State Tel. Co.	Rental.	4 50	
	3038	Union Telephone Co.	Rental.	16 60	
					6,320 01
Feb. 23	3039	Pay roll.	Salaries.	\$3,806 29	
	3040	C. T. Grawn.	Contingent.	9 94	
	3041	F. L. Bishop, secretary.	Sundries.	50 40	
	3042	W. C. McDonald, city clerk.	Sundries.	131 50	
	3043	George Wahr.	Sundries.	75 39	
	3044	The Gorham Bros. Co.	Sundries.	42 67	
	3045	A. S. Coutant.	Sundries.	14 15	
	3046	W. Doughty.	Sundries.	6 05	
	3047	Carr & Granger.	Sundries.	6 42	
	3048	C. F. Marsh & Co.	Sundries.	5 60	
	3049	J. H. Doughty.	Sundries.	19 75	
	3050	Thos. Charles & Co.	Sundries.	44 43	
	3051	Herrmann Elect. Con. Co.	Repairs and alt.	690 06	
	3052	Cole Bros.	Repairs.	5 40	
	3053	Chatterton & Son.	Repairs.	2 28	
	3054	Geo. W. Rowe.	Supplies.	74 97	
	3055	Breidenstine & Kane.	Supplies.	1 45	
	3056	Dust Proof Floor Dressing Co.	Supplies.	6 50	
	3057	F. B. Clark.	Supplies.	38 69	

*Exhibit D.—Continued.*

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1906. Feb. 23.	3058	Marine Biological Lab'y .....	Laboratory .....	\$9 15	
	3059	Eberbach & Son Lab ratory..	Laboratory .....	21 20	
	3060	Orr & Lockett Hdw. Co. ....	Manual training .....	3 60	
	3061	Seneca Falls Mig. Co. ....	Manual training .....	58 50	
	3062	Empire Implement Mfg. Co. ....	Manual training .....	5 25	
	3063	Mrs. A. Burk .....	Labor .....	7 56	
	3064	L. M. Post .....	Labor .....	4 00	
	3065	A. M. Anspaugh .....	Labor .....	40 00	
	3066	F. L. Bishop, Mgr. ....	Advertising .....	30 00	
	3067	H. R. Pattengill .....	Advertising .....	23 50	
	3068	Miller & Seeley .....	Advertising .....	25 00	
	3069	W. O. Hullinger .....	Printing .....	11 00	
	3070	Mt. Pleasant Pub. Co. ....	Printing .....	8 50	
	3071	C. L. Bemis .....	Lectures .....	6 49	
	3072	Jas. H. Harris .....	Lectures .....	8 31	
	3073	Boehringer Bros. ....	Grounds .....	1 76	
	3074	Jas. Myra .....	Grounds .....	7 50	
	3075	A. Y. Malcomson .....	Fuel .....	377 77	
	3076	Prang Educational Co. ....	Train. school sup. ....	7 20	
	3077	Mt. Pleasant L. & F. Co. ....	Lights .....	7 60	
	3078	J. A. Fancher, executor .....	Athletics .....	50 00	
	3079	Williams, Brown & Earle .....	Physiology dept. ....	11 20	
	3080	The Shaw Walker Co. ....	Furniture .....	9 50	
	3081	Grumiaux News & Pub. Co. ....	Library .....	1 15	
	3082	Gregory, Mayer & Thom. Co. ....	Office supplies .....	2 00	
	3083	Mich. State Telephone Co. ....	Rental .....	2 30	
	3084	Albert V. Renwick .....	Music dept. ....	2 00	
					\$5,773 98
Mar. 31	3085	Pay roll .....	Salaries .....	\$4,189 09	
	3086	C. T. Grawn .....	Contingent .....	5 12	
	3087	F. L. Bishop, secretary .....	Sundries .....	30 51	
	3088	T. G. Thiers .....	Sundries .....	24 73	
	3089	Carr & Granger .....	Sundries .....	6 18	
	3090	Bradner, Smith & Co. ....	Sundries .....	12 87	
	3091	Foster Furn. & Hdw. Co. ....	Sundries .....	23 65	
	3092	J. H. Doughty .....	Sundries .....	31 63	
	3093	W. Doughty .....	Sundries .....	7 56	
	3094	Erie City Iron Works .....	General supplies .....	53 00	
	3095	Standard Oil Co. ....	General supplies .....	50 13	
	3096	A. Flanagan .....	General supplies .....	6 50	
	3097	F. B. Clark .....	General supplies .....	11 98	
	3098	Southworth & Hain .....	General supplies .....	2 10	
	3099	Electric Appliance Co. ....	General supplies .....	23 34	
	3100	Montgomery, Ward & Co. ....	General supplies .....	13 18	
	3101	Binney & Smith Co. ....	Train. school sup. ....	6 75	
	3102	Ginn & Co. ....	Train. school sup. ....	5 00	
	3103	Chas. E. Hagan .....	Train. school sup. ....	2 36	
	3104	Geo. W. Rowe .....	Train. school sup. ....	5 25	
	3105	Thos. Charles Co. ....	Train. school sup. ....	1 86	
	3106	Queen & Co. ....	Laboratory .....	4 84	
	3107	Eberbach & Son .....	Laboratory .....	18 20	
	3108	Finer & Amerld. ....	Laboratory .....	21 50	
	3109	H. Soule, Treas. ....	Laboratory .....	6 00	
	3110	Chas. Fruch & Sons .....	Botany .....	1 85	
	3111	National Body & Box Co. ....	Manual training .....	21 32	
	3112	Bemis Indianapolis Bag Co. ....	Manual training .....	7 00	
	3113	W. L. McManus Lumber Co. ....	Manual training .....	10 00	
	3114	American Color Co. ....	Manual training .....	3 60	
	3115	Ichabod T. Williams .....	Manual training .....	16 96	
	3116	Gorham Bros. ....	Alt. and repairs .....	26 34	
	3117	A. A. Lance .....	Alt. and repairs .....	3 50	
	3118	George Wahr .....	Library .....	75 08	
	3119	A. M. Anspaugh .....	Extra labor .....	35 00	
	3120	David Maurer .....	Extra labor .....	9 00	
Mar. 30	3121	Mrs. A. Burk .....	Extra labor .....	6 05	
	3122	Nettie Dean .....	Extra labor .....	3 00	
	3123	W. H. Elson .....	Lectures .....	9 30	
	3124	Sam'l Baker .....	Lectures .....	10 47	
	3125	Webster Cook .....	Lectures .....	4 27	
	3126	Williams, Brown & Earle .....	Geog. dept. ....	64 64	
	3127	J. L. Hammett Co. ....	Geog. dept. ....	3 00	
	3128	Arthur Thomas Co. ....	Psy. dept. ....	67 10	
	3129	Mt. Pleasant L. & F. Co. ....	Lights .....	8 35	
	3130	W. O. Hullinger .....	Printing .....	14 00	
	3131	Gregory, Mayer & Thom. ....	Office supplies .....	3 50	
	3132	Thos. R. Dougherty .....	Music dept. ....	4 35	
					4,980 01

## STATE OF MICHIGAN.

## Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1906.					
April 30	3133	Pay roll.	Salaries.	\$4,115 85	
April 27	3134	C. T. Grawn.	Contingent.	8 69	
	3135	F. L. Bishop, secretary.	Sundries.	16 49	
	3136	A. S. Coutant.	Sundries.	14 35	
	3137	W. Doughty.	Sundries.	8 48	
	3138	Montgomery, Ward & Co.	Sundries.	10 00	
	3139	J. H. Doughty.	Sundries.	34 94	
	3140	W. L. Lloyd.	Alterations.	368 26	
	3141	Eureka Heat. & Vent. Co.	Alterations.	158 65	
	3142	Gorham Bros. Co.	Alterations.	11 79	
	3143	Cole Bros.	Alterations.	4 00	
	3144	Henry Fassott.	General supplies.	7 77	
	3145	Mich. Emp. Inst. for Blind.	General supplies.	2 50	
	3146	United Supply Co.	General supplies.	2 78	
	3147	K. Anderson Mfg. Co.	General supplies.	22 75	
	3148	George Wahr.	Library.	94 46	
	3149	Bureau of Pub.	Library.	3 75	
	3150	Library Bureau.	Library.	6 30	
	3151	A. C. McClurg Co.	Library.	7 20	
	3152	A. Y. Malcomson.	Fuel.	630 30	
	3153	Atkinson, Mentzer & Grover.	Train. school sup.	4 80	
	3154	D. C. Heath Co.	Train. school sup.	9 72	
	3155	Mt. Pleasant Pub. Co.	Printing.	99 40	
	3156	J. W. Hance, P. M.	Postage.	200 00	
	3157	D. M. Ferry & Co.	Grounds.	12 36	
	3158	Joseph Myra.	Rental.	7 50	
	3159	Union Telephone Co.	Rental.	19 80	
	3160	Mich. State Tel. Co.	Manual training.	7 55	
	3161	Home & Sch. Art Co.	Manual training.	7 20	
	3162	Mt. Pleasant L. & F. Co.	Lights.	9 36	
	3163	R. O. Bahlke.	Sci. dept.	8 75	
	3164	Herald Pub. Co.	Advertising.	4 20	
	3165	Sarah Stewart.	Extra labor.	6 75	
					\$5,926 70
		Transferred this month*.			467 80
		Balance.			\$6,394 50
May 25	3167	Pay roll.	Salaries.	\$4,244 70	
	3168	C. C. & A. DeCamp.	Taxes.	100 00	
	3169	C. T. Grawn.	Contingent.	16 08	
	3170	F. L. Bishop, secretary.	Sundries.	41 74	
	3171	J. H. Doughty.	Sundries.	21 92	
	3172	Morrison & Daines.	Sundries.	8 95	
	3173	A. M. Anspaugh.	Sundries.	15 88	
	3174	W. Doughty.	Sundries.	3 33	
	3175	I. B. Gilbert.	Lectures.	7 64	
	3176	J. W. Simmons.	Lectures.	3 65	
	3177	John A. Stewart.	Lectures.	6 19	
	3178	G. A. McGee.	Lectures.	4 30	
	3179	Miner Demond.	Grounds.	186 11	
	3180	Chas. Wilcox.	Grounds.	39 30	
	3181	David Maurer.	Grounds.	29 40	
	3182	Geo. Marriner.	Grounds.	22 10	
	3183	Westey Courter.	Grounds.	7 50	
	3184	L. L. May & Co.	Grounds.	5 00	
	3185	S. D. Childs & Co.	General supplies.	240 00	
	3186	Standard Oil Co.	General supplies.	50 89	
	3187	F. B. Clark.	General supplies.	19 58	
	3188	Mich. Empl. Inst. for Blind.	General supplies.	7 50	
	3189	Mil. Dustless Brush Co.	General supplies.	6 00	
	3190	George Wahr.	Library.	59 61	
	3191	Am. Journal of Physiology.	Library.	10 00	
	3192	Council of Supt. of Man. Arts.	Library.	6 00	
	3193	Manual Arts Press.	Library.	5 25	
	3194	Hammacher, Schlemmer & Co.	Manual training.	69 60	
	3195	W. L. McManus Lumber Co.	Manual training.	13 75	
	3196	Am. Rattan & Reed Mfg. Co.	Manual training.	9 60	
	3197	A. Y. Malcomson.	Fuel.	687 65	
	3198	C. H. Stoelting Co.	Psychology dept.	124 71	
	3199	Houghton, Mifflin & Co.	Training school.	11 05	
	3200	D. C. Heath & Co.	Training school.	9 60	
	3201	American Book Co.	Training school.	8 64	
May 31	3202	Thomas Charles Co.	Train. school sup.	2 94	
	3203	J. W. Hance, P. M.	Postage.	100 00	

\* Add vouchers 2810 and 2840 charged to Central Heating Plant in error.

## STATE BOARD OF EDUCATION.

117

## Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1906.					
May 25	3204	A. T. Flanagan Co.	Furniture	\$20 00	
	3205	Mrs. A. Burk	Extra labor	7 12	
	3206	F. L. Bishop, Mgr.	Advertising	30 00	
	3207	Scharf Tag, Label & Box Co.	Phys. dept.	9 50	
	3208	A. B. Dick	Office supplies	40 40	
	3209	Central Scientific Co.	Geog. dept.	10 00	
	3210	Mt. Pleasant L. & F. Co.	Lights	2 99	
	3211	Open Court Pub. Co.	Mathematics dept.	8 50	
	3212	Albert Renwick Co.	Music	8 33	
	3213	Gorham Bros. Co.	Alt. and repairs	7 44	
					\$6,350 44
June 22	3214	Pay roll	Salaries	\$4,024 63	
	3215	James R. Angell	Contingent	20 76	
	3216	C. T. Grawn	Contingent	7 45	
	3217	Wm. M. Hovey	Contingent	7 50	
	3218	F. L. Bishop, secretary	Sundries	53 67	
	3219	J. H. Doughty	Sundries	7 47	
	3220	Breidenstein & Kane	Sundries	19 74	
	3221	Gorham Bros. Co.	Sundries	11 10	
	3222	P. C. Taylor	Sundries	19 47	
	3223	E. F. Collins	Sundries	19 08	
	3224	A. S. Coutant	Sundries	95 50	
	3225	F. G. Thiers	Sundries	18 83	
	3226	Foster Furn. & Hdw. Co.	Sundries	21 09	
	3227	Carr & Granger	Sundries	8 45	
	3228	W. Doughty	Sundries	71 16	
	3229	F. B. Clark	General supplies	36 15	
	3230	A. N. Ward	General supplies	12 16	
	3231	Electric Appliance Co.	General supplies	11 86	
	3232	Cling-Surface Co.	General supplies	3 50	
	3233	Montgomery, Ward & Co.	General supplies	10 42	
	3234	West Disinfecting Co.	General supplies	12 50	
	3235	Silver, Burdett & Co.	Train. school sup.	10 50	
	3236	E. A. Hoisington	Train. school sup.	6 50	
	3237	Eagle Pencil Co.	Train. school sup.	8 50	
	3238	Longmans, Green & Co.	Train. school sup.	16 25	
	3239	American Book Co.	Train. school sup.	14 40	
	3240	Ginn & Co.	Train. school sup.	6 99	
	3241	Geo. W. Rowe	Train. school sup.	15 85	
	3242	Jour. of Geog.	Library	2 00	
	3243	George Wahr	Library	330 53	
	3244	Gustav Stickley	Library	24 00	
	3245	Library Bureau	Library	108 00	
	3246	D. M. Ferry & Co.	Grounds	13 56	
	3247	James Vicks Sons	Grounds	31 70	
	3248	Wesley Courter	Grounds	10 50	
	3249	Storrs & Harrison Co.	Grounds	7 75	
	3250	John Lewis Childs	Grounds	6 40	
June 29	3251	Elmon Lee	Grounds	3 00	
	3252	Jesse Braucher	Grounds	5 40	
	3253	Bert Hunter	Grounds	17 25	
	3254	A. M. Anspaugh	Grounds	17 62	
	3255	Joseph Myra	Grounds	39 75	
	3256	W. Stevenson	Grounds	21 75	
	3257	R. R. Gargett	Grounds	32 25	
	3258	David Maurer	Grounds	28 50	
	3259	Nettie Dean	Extra labor	3 00	
	3260	Mrs. A. Burk	Extra labor	3 96	
	3261	Edith Somers	Extra labor	1 85	
	3262	Sarah P. Stewart	Extra labor	18 00	
	3263	Hammacher, Schlemmer Co.	Manual training	7 19	
	3264	Chas. E. Mather	Manual training	18 00	
	3265	Thomas Charles Co.	Manual training	7 70	
	3266	St. Louis Biol. Lab.	Laboratory	2 10	
	3267	The Simplex Net. Co.	Laboratory	11 75	
	3268	Bausch & Lomb Opt. Co.	Laboratory	4 06	
	3269	John W. Hance, P. M.	Postage	63 60	
	3270	A. Y. Malcomson	Fuel	140 42	
	3271	Marsh & Graham	Furniture	39 84	
	3272	E. W. Arnold	Alterations	120 20	
	3273	Scharf Tag, Label & Box Co.	Printing	299 12	
	3274	E. S. Bowen	Geog. dept.	8 00	
	3275	News Record Pub. Co.	Printing	5 00	
	3276	Mich. State Tel. Co.	Rental	3 75	
	3277	Mt. Pleasant L. & F. Co.	Lights	2 99	
					\$6,031 97

## STATE OF MICHIGAN.

## ON ACCOUNT OF SPECIAL APPROPRIATIONS.

*Exhibit D.—Concluded.*

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905.		Central Heating Plant—			
July 10	2808	Cole Bros.	Contract.....	\$1,674 90	
July 10	2809	E. W. Arnold.	Architect's fees....	351 00	
July 29	2810	F. L. Bishop, secretary.	Pay roll.....	*263 82	
July 31	2811	E. W. Arnold.	Architect's fees....	288 93	
	2812	Cole Bros.	Contract.....	1,674 00	
Aug. 25	2838	Cole Bros.	Contract.....	1,503 00	
	2839	Cole Bros.	Conduit.....	2,700 00	
	2840	F. L. Bishop, secretary.	Conduit.....	*203 98	
	2841	Courier-Herald Co.	Advertising.....	7 35	
Oct. 25	2899	Hermann Elec. Const. Co.	Labor and mater'l.	1,838 52	
	2900	Cole Bros.	Contract.....	1,253 65	
	2901	Cole Bros.	Conduit.....	450 00	
	2902	Cole Bros.	Conduit.....	350 00	
	2903	Detroit Free Press	Advertising.....	7 35	
Nov. 24	2951	Cole Bros.	Contract.....	1,275 36	
	2952	Hermann Elec. Con. Co.	Labor and mater'l.	511 20	
	2953	E. W. Arnold.	Architect's fees....	234 02	
Dec. 29	2997	Eureka Heat. & Vent. Co.	Steam heat. app....	7,256 44	
	2998	Hermann. Elec. Con. Co.	Electric lighting....	291 60	
	2999	Hermann Elec. Con. Co.	Light'g and power.	274 73	
	3000	Cole Bros.	Building.....	820 09	
	3001	E. W. Arnold.	Architect's fees....	145 80	
1906.					
April 27	3166	Eureka Heat. & Vent. Co.	Heating apparatus.	2,090 46	
Total.....				\$25,466 20	
*Less vouchers 2810 and 2840, charged to Current Expense in April, 1906.....				467 80	
Total.....					\$24,998 40



## CENTRAL MICHIGAN NORMAL SCHOOL.

*Summary-Current Expense Fund.*

Receipts and expenditures.	Amount.	Totals.
<b>RECEIPTS.</b>		
Balance on hand July 1, 1905.....	\$1,110 85	
Receipts July 1, 1905-July 1, 1906.....	68,953 40	
Total receipts.....		\$70,064 25
<b>EXPENDITURES.</b>		
Former year—		
July 1, 1905-December 31, 1905.....	\$1,110 85	
Present year—		
July.....	4,733 60	
August.....	4,595 85	
September.....	5,088 87	
October.....	5,132 90	
November.....	5,183 77	
December.....	6,600 09	
January.....	6,320 01	
February.....	5,773 98	
March.....	4,980 01	
April.....	6,394 50	
May.....	6,350 44	
June.....	6,031 97	
Total expenditures.....	\$68,296 84	
Balance on hand July 1, 1906.....	1,767 41	
Total.....		\$70,064 25

## CENTRAL MICHIGAN NORMAL SCHOOL.

*Summary-Special Appropriations for year 1905-06.*

Receipts and expenditures.	Amount.	Totals.
<b>RECEIPTS.</b>		
Balance on hand July 1, 1905.....	None.	
Receipts July 1, 1905-July 1, 1906.....	\$25,000 00	
Total.....		\$25,000 00
<b>EXPENDITURES.</b>		
Central heating plant.....	\$24,998 40	
Balance on hand July 1, 1906.....	1 60	
Total.....		\$25,000 00

## EXHIBIT E.

Salary account, Dr., for fiscal year ending June 30, 1903.

Date.	Name.	Time.	Amount.	Total.
1905. June 30	C. T. Grawn.....	Twelve months.....	\$3,000 00	
	Lucy A. Sloan.....	Twelve months.....	1,800 00	
	F. L. Keeler.....	Twelve months.....	1,800 00	
	C. S. Larzelere.....	Twelve months.....	1,800 00	
	R. D. Calkins.....	Twelve months.....	1,800 00	
	George W. Loomis.....	Twelve months.....	1,800 00	
	E. C. Rowe.....	Twelve months.....	1,600 00	
	Elizabeth R. Wightman.....	Twelve months.....	1,400 00	
	H. C. Maybee.....	Twelve months.....	1,400 00	
	C. F. Tambling.....	Twelve months.....	1,400 00	
	Anna M. Barnard.....	Twelve months.....	1,400 00	
	M. L. Converse.....	Twelve months.....	1,000 00	
	A. F. Wood.....	Twelve months.....	1,000 00	
	Wm. Bellis.....	Twelve months.....	1,125 00	
	John Kelley.....	Twelve months.....	1,125 00	
	Rachel Tate.....	Twelve months.....	960 00	
	Ida Pierce.....	Four months.....	300 00	
	Mary Elizabeth Urch.....	Twelve months.....	900 00	
	Orpha E. Worden.....	Twelve months.....	800 00	
	Lillian K. Sabine.....	Twelve months.....	800 00	
	Frances Burt.....	Twelve months.....	800 00	
	Emma F. Robertson.....	Twelve months.....	800 00	
	Fannie I. Allen.....	Twelve months.....	800 00	
	Edith A. Purdy.....	Three months.....	200 00	
	Floy Hungerford.....	Twelve months.....	860 00	
	Estella C. Schneider.....	Twelve months.....	800 00	
	Minnie I. Termaat.....	Twelve months.....	800 00	
	Julia Martin.....	Twelve months.....	800 00	
	Elizabeth R. Wylie.....	Three months.....	290 00	
	W. F. Lewis.....	Two months.....	150 00	
	Mae Woldt.....	Eight months.....	597 50	
	M. H. Perley.....	Twelve months.....	800 00	
	Mary Louise Neer.....	Nine months.....	600 00	
	H. G. Parsons.....	Nine months.....	675 00	
	Homer Derr.....	Nine months.....	675 00	
	Amy M. Burt.....	Nine months.....	600 00	
	Gertrude T. Allen.....	Two months.....	120 00	
	Adeline D. Christopher.....	Twelve months.....	700 00	
	Bertha M. Ronan.....	Twelve months.....	700 00	
	E. E. Willie.....	Twelve months.....	700 00	
	H. C. Dunlap.....	Twelve months.....	700 00	
	Harriet L. Sherman.....	Twelve months.....	600 00	
	Florence L. Bishop.....	Twelve months.....	600 00	
	Alex. Burk.....	Twelve months.....	500 00	
	F. M. Dean.....	Twelve months.....	550 00	
	James Adams.....	Twelve months.....	500 00	
	Ruby Russell.....	Nine months.....	262 50	
	Margaret M. Harvey.....	Three months.....	105 00	
	Bertha M. Webster.....	Six months.....	240 00	
	Alice M. Lowden.....	Twelve months.....	250 00	
	Wm. Youngston.....	Two months.....	40 00	
	E. K. Saxe.....	Twelve months.....	120 00	
	James H. Thompson.....	Twelve months.....	200 00	
	A. Beddow.....	Two months.....	150 00	
	C. F. Knirk.....	Eleven months.....	150 00	
	Nettie Dean.....	Six months.....	72 00	
	F. E. Robinson.....	Nine months.....	135 00	
Total.....				\$44,642 00

## STATE BOARD OF EDUCATION.

121

## EXHIBIT E.—Concluded.

*Salary account, Cr., for fiscal year ending June 30, 1905.*

Date.	No. of voucher.	Pay rolls.	Amount.	Total.
1904.				
July 29	2353	July.....	\$3,940 40	
Aug. 26	2375	August.....	3,825 40	
Sept. 23	2398	September.....	3,524 20	
Oct. 28	2425	October.....	3,733 90	
Nov. 30	2457	November.....	3,628 70	
Dec. 16	2493	December.....	3,745 90	
1905.				
Jan. 31	2533	January.....	3,833 35	
Feb. 28	2565	February.....	3,468 80	
Mar. 31	2607	March.....	3,830 85	
April 29	2654	April.....	3,672 40	
May 31	2678	May.....	3,778 70	
June 21	2718	June.....	3,659 40	
Total .....				<u>\$44,642 00</u>

## STATE OF MICHIGAN.

## EXHIBIT F.

Salary account, Dr., for fiscal year ending June 30, 1908.

Date.	Name.	Time.	Amount.	Total.
1906. June 30	C. T. Grawn.....	Twelve months.....	\$3,000 00	
	Lucy A. Sloan.....	Twelve months.....	1,900 00	
	F. L. Keeler.....	Twelve months.....	1,900 00	
	William Bellis.....	Twelve months.....	1,900 00	
	John Kelley.....	Twelve months.....	1,900 00	
	C. S. Larzelere.....	Twelve months.....	1,187 50	
	R. D. Calkins.....	Twelve months.....	1,900 00	
	H. C. Maybee.....	Twelve months.....	1,500 00	
	Elizabeth R. Wightman.....	Twelve months.....	1,450 00	
	Alice I. Lowden.....	Twelve months.....	287 50	
	C. F. Tambling.....	Twelve months.....	1,500 00	
	Anna M. Barnard.....	Twelve months.....	1,450 00	
	Rachel Tate.....	Twelve months.....	1,000 00	
	Orpha E. Worden.....	Twelve months.....	900 00	
	Mae Woldt.....	Twelve months.....	1,000 00	
	Lillian K. Sabine.....	Twelve months.....	900 00	
	E. C. Rowe.....	Twelve months.....	1,800 00	
	George W. Loomis.....	One and one-half months.....	235 80	
	Frances Burt.....	Twelve months.....	900 00	
	Emma F. Robertson.....	Twelve months.....	900 00	
	Fannie I. Allen.....	Twelve months.....	900 00	
	Mary L. Neer.....	Twelve months.....	900 00	
	Floy Hungerford.....	Two months.....	134 80	
	Estella C. Schneider.....	Six months.....	450 00	
	Minnie Termaat.....	Twelve months.....	900 00	
	Julia Martin.....	Twelve months.....	900 00	
	H. Grace Parsons.....	Twelve months.....	950 00	
	Mary E. Urch.....	Three months.....	225 00	
	Homer Derr.....	Twelve months.....	979 20	
	Amy Burt.....	Twelve months.....	900 00	
	Adeline D. Christopher.....	Three months.....	175 00	
	Bertha M. Ronan.....	Twelve months.....	850 00	
	Harriet L. Sherman.....	Three months.....	150 00	
	M. L. Converse.....	Twelve months.....	1,100 00	
	Florence L. Bishop.....	Twelve months.....	700 00	
	Mary E. Lowe.....	One and one-half months.....	60 00	
	E. K. Saxe.....	Twelve months.....	420 00	
	Ruby Russell.....	Twelve months.....	395 80	
	Carl F. Knirk.....	One and one-half months.....	22 50	
	May O. George.....	One and one-half months.....	30 00	
	A. F. Wood.....	Ten and one-half months.....	900 00	
	Marie H. Perley.....	Three months.....	200 00	
	Bertha M. Webster.....	Three months.....	135 00	
	E. E. Willie.....	Twelve months.....	800 00	
	H. C. Dunlap.....	Twelve months.....	708 40	
	Alex. Burk.....	Twelve months.....	500 00	
	James Adams.....	Twelve months.....	500 00	
	F. M. Dean.....	Twelve months.....	545 80	
	James H. Thompson.....	Four months.....	66 80	
	L. L. Wright.....	Eight months.....	133 20	
	William D. Miller.....	Nine months.....	900 00	
	C. H. Estrich.....	Nine months.....	1,000 00	
	Lucile Stone.....	Nine months.....	637 50	
	Frances H. Oakley.....	Nine months.....	600 00	
	Mary E. Thompson.....	Nine months.....	675 00	
	D. A. Barber.....	Nine months.....	135 00	
	Clarence Tripp.....	Nine months.....	125 00	
	Irma Slater.....	Nine months.....	435 00	
	Nettie Dean.....	Eight months.....	80 00	
	Emma M. Holbrook.....	Six months.....	450 00	
	William P. Bush.....	Six months.....	270 00	
	E. W. Arnold.....	Two months.....	182 62	
Total.....				\$48,632 42

## STATE BOARD OF EDUCATION.

123

## EXHIBIT F.—Concluded.

*Salary account, Cr., for fiscal year ending June 30, 1906.*

Date.	No. of voucher.	Pay rolls.	Amount.	Total.
1905.				
July 29	2792	July.....	\$4,260 90	
Aug. 25	2820	August.....	4,068 10	
Sept. 30	2847	September.....	3,673 20	
Oct. 31	2866	October.....	4,044 79	
Nov. 30	2907	November.....	3,930 39	
Dec. 31	2954	December.....	4,079 39	
1906.				
Jan. 31	3002	January.....	4,197 09	
Feb. 28	3039	February.....	3,806 29	
Mar. 30	3085	March.....	4,198 09	
April 27	3133	April.....	4,115 85	
May 31	3167	May.....	4,244 70	
June 22	3214	June.....	4,024 63	
Total.....				\$48,632 42

## STATE OF MICHIGAN.

## NORTHERN STATE NORMAL SCHOOL.

## EXHIBIT A.

*James H. Thompson, Treasurer, Dr., for fiscal year ending June 30, 1905.*

## ON ACCOUNT OF CURRENT EXPENSE.

Date.	No. of receipt.	Of whom received.	Amount.	Totals.
1904.		Legislative appropriations—		
July 20	98	State Treasurer.....	\$3,165 41	
Aug. 22	103	State Treasurer.....	3,165 41	
Sept. 9	105	State Treasurer.....	3,165 41	
Oct. 3	106	State Treasurer.....	3,165 41	
Nov. 4	109	State Treasurer.....	3,165 41	
1905.				
Jan. 5	111	State Treasurer.....	3,165 41	
Feb. 10	112	State Treasurer.....	3,165 41	
Mar. 6	113	State Treasurer.....	3,165 41	
April 3	116	State Treasurer.....	3,165 41	
May 6	117	State Treasurer.....	3,165 41	
June 7	119	State Treasurer.....	3,165 41	
June 19	120	State Treasurer.....	3,165 49	
				\$379,885 00
1904.		Tuition fees—		
Aug. 18	100	Louise Holmes, secretary.....	\$414 00	
Nov. 3	108	Louise Holmes, secretary.....	354 00	
1905.				
Mar. 11	114	Louise Holmes, secretary.....	381 00	
June 7	118	Louise Holmes, secretary.....	366 00	
				1,515 00
1904.		Diploma fees—		
Aug. 18	101	Louise Holmes, secretary.....	\$19 00	
Nov. 3	107	Louise Holmes, secretary.....	30 00	
1905.				
Mar. 11	115	Louise Holmes, secretary.....	8 00	
				57 00
1904.		Laboratory fees—		
Aug. 18	102	Louise Holmes, secretary.....	\$6 00	
				6 00
Total receipts, current expense.....				\$39,563 00

*Exhibit A.—Concluded.*

## ON ACCOUNT OF SPECIAL APPROPRIATIONS.

Date.	No. of receipt.	Of whom received.	Amount.	Totals.
1904.		Addition to south wing—		
July 7	99	State Treasurer.....	\$5,000 00	
Aug. 22	104	State Treasurer.....	5,000 00	
Dec. 21	110	State Treasurer.....	2,500 00	
Total receipts, special appropriations.....				\$12,500 00
Total debits, special appropriations.....				\$12,500 00
Total debits, current expense.....				39,563 00
Aggregate for fiscal year.....				\$52,063 00

## STATE BOARD OF EDUCATION.

125

## EXHIBIT B.

*Luther L. Wright, Treasurer, Dr., for fiscal year ending June 30, 1906.*

## ON ACCOUNT OF CURRENT EXPENSE.

Date.	No. of receipt.	Of whom received.	Amount.	Totals.
1905.		Legislative appropriations—		
July 12	121	State Treasurer .....	\$3,416 66	
Aug. 14	126	State Treasurer .....	3,416 66	
Sept. 14	127	State Treasurer .....	3,416 66	
Oct. 11	128	State Treasurer .....	3,416 66	
Dec. 14	131	State Treasurer .....	3,416 66	
1906.				
Jan. 19	133	State Treasurer .....	3,416 66	
Jan. 29	134	State Treasurer .....	3,416 66	
Mar. 1	135	State Treasurer .....	3,416 66	
April 12	136	State Treasurer .....	3,416 66	
May 1	141	State Treasurer .....	3,416 66	
June 1	142	State Treasurer .....	3,416 66	
				\$37,583 26
1905.		Tuition fees—		
July 12	122	Louise Holmes, secretary .....	\$162 00	
Aug. 7	125	Louise Holmes, secretary .....	774 00	
1906.				
Jan. 16	132	Louise Holmes, secretary .....	522 00	
April 12	139	Louise Holmes, secretary .....	498 00	
June 1	143	Louise Holmes, secretary .....	692 00	
				2,648 00
June 12	123	Laboratory fees— Louise Holmes, secretary .....	\$23 00	23 00
Aug. 4	124	Certificate fees— Louise Holmes, secretary .....	\$137 00	137 00
Total receipts, current expense .....				\$40,391 26

*Exhibit B.—Concluded.*

## ON ACCOUNT OF SPECIAL APPROPRIATIONS.

Date.	No. of receipt.	Of whom received.	Amount.	Totals.
1906.		Re-equipment—furniture, etc.—		
Mar. 1	137	State Treasurer .....	\$10,000 00	
		Clearing away rubbish—		
Mar. 1	138	State Treasurer .....	1,500 00	
		Repairs on library—		
Mar. 1	136	State Treasurer .....	2,000 00	
June 20	144	Addition to Peter White Hall of Science— State Treasurer .....	10,000 00	
Total receipts, special appropriation .....				\$23,500 00
RECAPITULATION, DR.				
Current expense, 1904-5 .....			\$39,563 00	
Current expense, 1905-6 .....			40,391 26	
Special appropriations, 1904-5 .....			12,500 00	
Special appropriations, 1905-6 .....			23,500 00	
Aggregate for all purposes for two years .....				\$115,954 26

## STATE OF MICHIGAN.

## EXHIBIT C.

James H. Thompson, Treasurer, Cr., for fiscal year ending June 30, 1905.

## ON ACCOUNT OF CURRENT EXPENSE.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
FORMER YEAR.					
1904.					
July 29	1097	Lyon & Healy.....	Music.....	\$13 56	
	1098	Mining Journal Co., Ltd.....	Printing.....	35 25	
	1099	Prang Educational Co.....	Train, school sup.....	6 08	
	1100	C. L. Smith.....	Extra labor.....	12 00	
	1101	G. Schirmer.....	Music.....	5 03	
	1102	George E. Vincent.....	Lecture.....	65 00	
	1103	Edward A. Elliott.....	Lecture.....	40 00	
	1104	Marquette Opera House.....	Commencement.....	25 00	
	1105	Geo. N. Conklin.....	Commencement.....	15 00	
	1106	Fred. Frick Clock Co.....	Electric clock.....	280 00	
	1107	H. W. Wilson Co.....	Library.....	9 00	
	1108	D. Appleton & Co.....	Library.....	2 49	
	1109	W. Millard Palmer Co.....	Library.....	76 62	
	1110	Hager Bros. Co., Ltd.....	General supplies.....	4 30	
	1111	A. T. Van Alstyn D. G.....	General supplies.....	15 68	
	1112	Lydia M. Olson, secretary.....	Sundries.....	22 38	
Aug. 26	1121	D. B. Waldo.....	Traveling expenses.....	26 93	
	1122	E. R. Downing.....	Traveling expenses.....	7 15	
	1123	W. Millard Palmer Co.....	Library.....	61 45	
Sept. 23	1136	H. R. Pattengill.....	Advertising.....	23 30	
	1137	E. J. Sink.....	Labor and mater'l.....	114 72	
Nov. 30	1171	Frances M. Kelsey.....	Traveling expenses.....	41 90	
	1172	The Stafford Greenhouse.....	Commencement.....	18 00	
	1173	Ihling Bros. & Everard.....	Library.....	43 20	
	1174	John D. Mangum, P. M.....	Postage.....	34	
					\$964 38
PRESENT YEAR.					
July 29	1113	July pay roll.....	Salaries.....	\$2,654 22	
	1114	A. C. McClurg & Co.....	General supplies.....	6 00	
	1115	Geo. E. Vincent.....	Lectures.....	155 00	
	1116	Rollin D. Salisbury.....	Lectures.....	100 00	
	1117	Nathan C. Schaeffer.....	Lectures.....	85 75	
	1118	Wm. H. Dudley.....	Lectures.....	69 00	
	1119	Samuel McMillan.....	General supplies.....	8 15	
					3,078 12
Aug. 26	1124	Pay roll.....	Salaries.....	\$2,473 83	
	1125	James H. Kaye.....	Traveling expenses.....	19 75	
	1126	James H. Kaye.....	Traveling expenses.....	30 60	
	1127	Alex. B. Coffey.....	Lectures.....	64 00	
	1128	Marquette Co. Tel. Co.....	Telephone.....	3 75	
	1129	Jas. E. LaFortune.....	Freight and dray.....	15 43	
	1130	Marquette Gas Light Co.....	Fuel gas.....	10 00	
	1131	Light & Power Com.....	Motor for fans.....	50 00	
	1132	Prang Educational Co.....	Train, school sup.....	19 50	
	1133	Ihling Bros. & Everard.....	General supplies.....	5 50	
	1134	Lydia M. Olson, secretary.....	Sundries.....	25 77	
					2,718 13
Sept. 23	1138	Pay roll.....	Salaries.....	\$2,477 41	
	1139	The People's Drug Store.....	General supplies.....	9 80	
	1140	A. C. McClurg & Co.....	Library.....	2 17	
	1141	Bausch & Lomb Opt. Co.....	Laboratory.....	6 90	
	1142	Louise Holmes, secretary.....	Sundries.....	20 80	
	1143	The Macmillan Co.....	Library.....	5 60	
	1144	Smith Premier T. Co.....	General supplies.....	1 50	
	1145	The Gateway.....	Advertising.....	20 00	
	1146	Thomas Charles Co.....	General supplies.....	4 10	
	1147	C. L. Smith.....	Contingent.....	3 50	
	1148	Library Bureau.....	Library.....	10 10	
	1149	Mich. State Tel. Co.....	Telephone.....	6 00	
	1150	E. J. Sink.....	Repairs.....	27 28	
	1151	Marquette Gas Light Co.....	Fuel gas.....	5 00	
	1152	W. Millard Palmer Co.....	Library.....	154 80	
	1153	A. C. McClurg & Co.....	Library.....	9 92	
	1154	George Wahr.....	Library.....	201 69	
	1155	Light & Power Com.....	Motor for fans.....	30 70	
					2,997 27



## STATE BOARD OF EDUCATION.

127

## Exhibit C.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1904 Oct. 28	1156	Pay roll	Salaries	\$2,530 75	
	1157	Hager Bros. & Co., Ltd.	Train. school sup.	41 20	
	1158	Prang Educational Co.	Train. school sup.	4 32	
	1159	Houghton, Mifflin & Co.	Train. school sup.	1 40	
	1160	George Wahr	Library	21 32	
	1161	Henry Holt & Co.	Library	4 44	
	1162	Univ. of Chicago Press	Library	1 50	
	1163	James Pickands & Co., Ltd.	Fuel	24 00	
	1164	Marquette Gas Light Co.	Fuel gas	5 00	
	1165	Jas. E. LaFortune	Frt. and drayage	13 03	
	1166	Johnson Service Co.	Repairs	4 14	
	1167	Marquette Co. Tel. Co.	Telephone	3 75	
	1168	Prang Educational Co.	Laboratory	2 24	
	1169	D. Appleton & Co.	Laboratory	1 72	
	1170	Light & Power Comm.	Motor for fans	25 00	
					\$2,683 81
Nov. 30	1175	Pay roll	Salaries	\$2,456 00	
	1176	Louise Holmes, secretary	Sundries	19 10	
	1177	Louise Holmes, secretary	Sundries	22 09	
	1178	American Book Co.	Train. school sup.	28 80	
	1179	Thomas Charles Co.	Train. school sup.	11 39	
	1180	Ginn & Co.	Lib. and train. sch.	13 49	
	1181	Silver, Burdett & Co.	Training school	4 90	
	1182	D. C. Heath & Co.	Training school	1 80	
	1183	W. Millard Palmer Co.	Library	9 82	
	1184	Chas. Scribner's Sons	Library	5 19	
	1185	F. A. Owen Pub. Co.	Library	1 00	
	1186	A. T. Thompson & Co.	Laboratory	4 50	
	1187	Andrew Derra	Grounds	42 00	
	1188	John J. Flannigan	Drayage	5 00	
	1189	M. R. Manhard	General supplies	43 53	
	1190	Bigelow & Co.	General supplies	4 45	
	1191	Marquette Gas Light Co.	Fuel gas	5 00	
	1192	Jas. Pickands & Co., Ltd.	Fuel	32 00	
	1193	Herald-Leader Co.	Advertising	6 30	
	1194	C. L. Smith	Printing	5 50	
	1195	G. R. Watts	Repairs	7 00	
	1196	American Express Co.	Express	8 05	
	1197	L. F. Anderson	Traveling expenses	8 55	
	1198	Light & Power Comm.	Motor for fans	25 00	
					2,765 56
Dec. 16	1200	Pay roll	Salaries	\$2,530 75	
Dec. 31	1201	Louise Holmes, secretary	Sundries	19 20	
	1202	Silver, Burdette & Co.	Train. school sup.	8 34	
	1203	J. H. Conry	Train. school sup.	7 50	
	1204	M. A. Donahue & Co.	Train. school sup.	14 40	
	1205	D. C. Heath & Co.	Train. school sup.	63	
	1206	Thos. Charles & Co.	Train. school sup.	7 11	
	1207	A. C. McClurg & Co.	Train. school sup.	9 10	
	1208	Smith Premier Co.	General supplies	4 50	
	1209	A. B. Dicks Co.	General supplies	7 20	
	1210	Bigelow & Co.	General supplies	9 55	
	1211	Eberbach & Son	Laboratory	146 65	
	1212	Pioneer Iron Co.	Laboratory	12 05	
	1213	A. T. Thompson & Co.	Laboratory	1 62	
	1214	Marshall Field & Co.	Library	181 80	
	1215	Scientific American Club	Library	89 50	
	1216	Library of Congress	Library	36 11	
	1217	Lemcke & Buechner	Library	13 50	
	1218	International News Co.	Library	4 50	
	1219	Fox, Duffield & Co.	Library	4 00	
	1220	W. Millard Palmer Co.	Library	1 08	
	1221	F. B. Spear & Sons	Fuel	64 00	
	1222	Marquette Gas Light Co.	Fuel	5 00	
	1223	Light & Power Comm.	Repairs and motor for fans	89 82	
	1224	F. W. Read & Co.	Repairs	8 87	
	1225	Jas. E. LaFortune	Fr. and drayage	24 13	
	1226	Mining Journal Co., Ltd.	Advertising	92 65	
	1227	Charles Cummings	Grounds	3 00	
	1228	Gem Incubator Co.	Apparatus	8 00	
					3,404 56

## Exhibit C.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905. Jan. 31	1229	Pay roll.....	Salaries.....	\$2,554 95	
	1230	Louise Holmes, secretary.....	Sundries.....	18 91	
	1231	Jas. H. Kaye.....	Traveling expenses.....	32 55	
	1232	American Book Co.....	Train, school sup.....	13 72	
	1233	The Macmillan Co.....	Train, school sup.....	3 57	
	1234	Prang Educational Co.....	Train, school sup.....	24 60	
	1235	Oliver Ditson Co.....	Train, school sup.....	2 21	
	1236	M. A. Donahue & Co.....	Train, school sup.....	3 15	
	1237	Eberbach & Son.....	Laboratory.....	13 80	
	1238	M. R. Manhard & Son.....	Lab., gen. sup.....	19 15	
	1239	A. B. Dick Co.....	General supplies.....	11 50	
	1240	W. Millard Palmer Co.....	Library.....	3 66	
	1241	D. Appleton Co.....	Library.....	2 73	
	1242	Jas. Pickands & Co., Ltd.....	Fuel.....	184 00	
	1243	Light & Power Comm.....	Fuel and lights.....	31 90	
	1244	Marquette Gas Light Co.....	Fuel gas.....	5 00	
	1245	Lipsett & Sinclair.....	Repairs.....	6 60	
	1246	Marquette Co. Tel. Co.....	Telephone.....	3 75	
	1247	Geo. W. Minchin.....	Printing.....	2 30	
					\$2,938 05
Feb. 28	1248	Pay roll.....	Salaries.....	\$2,379 80	
	1249	Louise Holmes, secretary.....	Sundries.....	20 96	
	1250	Jas. H. Kaye.....	Traveling expenses.....	4 54	
	1251	L. F. Anderson.....	Traveling expenses.....	6 00	
	1252	Kny-Sheerer Co.....	Laboratory.....	250 02	
	1253	Bausch & Lomb Opt. Co.....	Laboratory.....	88 67	
	1254	Marine Biol. Laboratory.....	Laboratory.....	17 95	
	1255	Vaughan's Seed Store.....	Laboratory.....	2 85	
	1256	A. C. McClurg & Co.....	Library.....	180 20	
	1257	Journal of Geography.....	Library.....	1 50	
	1258	National Educational Asso.....	Library.....	2 00	
	1259	Library Bureau.....	Library.....	59 00	
	1260	Smith Premier T. W. Co.....	Library.....	90 00	
	1261	H. W. Wilson Co.....	Library.....	6 00	
	1262	George Wahr.....	Library.....	2 50	
	1263	The Psychological Review.....	Library.....	50	
	1264	The Detroit Free Press.....	Library.....	7 50	
	1265	Bates & Guild Co.....	Library.....	2 50	
	1266	Prang Educational Co.....	Train, school sup.....	19 04	
	1267	Lyon & Healy.....	Train, school sup.....	85	
	1268	Goodyear-Marshall Pub. Co.....	Train, school sup.....	10 00	
	1269	Ginn & Co.....	Train, school sup.....	4 20	
	1270	M. A. Donahue & Co.....	Train, school sup.....	8 35	
	1271	M. R. Manhard & Son, Ltd.....	General supplies.....	9 30	
	1272	E. J. Sink.....	Repairs.....	104 75	
	1273	Lipsett & Sinclair.....	Repairs.....	10 05	
	1274	Jas. Pickands & Co., Ltd.....	Fuel.....	64 00	
	1275	Marquette Gas Light Co.....	Fuel gas.....	5 50	
	1276	Light & Power Comm.....	Motor for fans.....	25 00	
	1277	F. B. Spear & Sons.....	Fuel.....	64 00	
	1278	Mining Journal Co., Ltd.....	Printing.....	50 50	
	1279	Jas. E. LaFortune.....	Frt. and drayage.....	15 66	
	1280	Michigan State Tel. Co.....	Telephone.....	12 00	
	1281	Hager Bros. Co., Ltd.....	General supplies.....	100 63	
					3,626 32
Mar. 31	1282	Pay roll.....	Salaries.....	\$2,582 75	
	1283	Louise Holmes, secretary.....	Sundries.....	21 88	
	1284	Frances M. Kelsey.....	Traveling expenses.....	12 00	
	1285	A. C. McClurg & Co.....	Library.....	3 90	
	1286	Chas. M. Turton, Mar.....	Library.....	2 00	
	1287	Scott, Forsman & Co.....	Train, school sup.....	20 20	
	1288	American Book Co.....	Train, school sup.....	18 24	
	1289	M. A. Donahue & Co.....	Train, school sup.....	4 57	
	1290	Bausch & Lomb Opt. Co.....	Laboratory.....	5 17	
	1291	Vaughan's Seed Store.....	Laboratory.....	5 50	
	1292	Light & Power Comm.....	Lights.....	118 39	
	1293	F. B. Spears & Sons.....	Fuel.....	96 00	
	1294	Jas. Pickands & Co., Ltd.....	Fuel.....	56 00	
	1295	Marquette Gas Light Co.....	Fuel.....	5 00	
	1296	Lipsett & Sinclair.....	Repairs.....	7 00	
	1297	F. W. Read & Co.....	Repairs.....	2 15	
	1298	H. R. Pattengill.....	Advertising.....	23 30	
					2,984 05

## STATE BOARD OF EDUCATION.

129

## Exhibit C.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905 April 29	1301	Pay roll	Salaries	\$2,480 60	
	1302	Louise Holmes, secretary	Sundries	15 83	
	1303	Frances M. Kelsey	Travelling expenses	4 40	
	1304	James H. Kaye	Traveling expenses	12 59	
	1305	F. B. Spear & Son	Fuel	104 00	
	1306	Light & Power Comm.	Motor for fans	25 00	
	1307	Marquette Gas Light Co.	Fuel gas	5 00	
	1308	Jas. Pickands & Co., Ltd.	Fuel	48 00	
	1309	W. H. Dudley	Apparatus	16 00	
	1310	Eugene Dietzgen & Co.	Apparatus	6 38	
	1311	Ihling Bros. & Everard	Library	85 14	
	1312	The Macmillan Co.	Library	5 26	
	1313	A. C. McClurg & Co.	Library	1 12	
	1314	Chas. T. Geill	Repairs	10 80	
	1315	E. J. Sink	Repairs tr. sch.	21 95	
	1316	Prang Educational Co.	Train. school sup.	19 10	
	1317	Hager Bros. Co., Ltd.	Train. school sup.	37 50	
	1318	Bausch & Lomb Opt. Co.	Laboratory	8 69	
	1319	Marquette Co. Tel. Co.	Telephone	3 75	\$2,911 11
May 31	1320	Pay roll	Salaries	\$2,556 30	
	1321	Louise Holmes, secretary	Sundries	45 17	
	1322	James H. Kaye	Traveling expenses	29 89	
	1323	Belle K. Middlekauff	Traveling expenses	4 80	
	1324	Ginn & Co.	General supplies	4 54	
	1325	The Gibson Soap Co.	General supplies	15 00	
	1326	Bigelow & Co.	General supplies	6 16	
	1327	David Forbes	General supplies	2 00	
	1328	M. A. Donahue & Co.	General repairs	4 75	
	1329	M. R. Manhard & Son, Ltd.	Gen. sup. \$37 27		
		M. R. Manhard & Son, Ltd.	Lab'ry	20 30	
				57 57	
	1330	Light & Power Commission	Fuel and light	31 00	
	1331	Jas. Pickands & Co., Ltd.	Fuel and light	24 00	
	1332	F. B. Spear & Sons	Fuel and light	104 00	
	1333	Marquette Gas Light Co.	Library and fuel and lights	20 22	
	1334	Wm. H. Hoops & Co.	Library	3 50	
	1335	Educational Review	Library	3 00	
	1336	W. D. Ross	Apparatus	15 00	
	1337	F. W. Read & Co.	Repairs	18 97	2,945 87
June 21	1338	Pay roll	Salaries	\$2,680 60	
June 30	1339	Free Library of Phil.	Library	1 50	
	1340	Univ. of Chicago Press	Library	3 00	
	1341	Marshall Paper Co.	General supplies	21 25	
	1342	M. A. Donahue & Co.	General supplies	1 76	
	1343	S. D. Childs & Co.	General supplies	90 00	
	1344	Bigelow & Co.	General supplies	4 25	
	1345	Watson & Palmer	General supplies	78 67	
	1346	Pub. School Pub. Co.	Train. school sup.	7 57	
	1347	Rand, McNally & Co.	Train. school sup.	16 32	
	1348	Eberbach & Son	Laboratory	14 55	
	1349	Jas. Pickands & Co., Ltd.	Fuel	48 00	
	1350	Light & Power Comm.	Motor for fans	25 00	
	1351	Marquette Gas Light Co.	Lights	5 00	
	1352	L. L. May & Co.	Grounds	45 88	
	1353	Stafford Greenhouse	Grounds	10 00	
	1354	G. R. Watts	Repairs	7 00	
	1355	Lipsett & Sinclair Co.	Repairs	61 27	
	1356	Consolidated Fuel & Lbr.	Repairs	1 40	
	1357	E. J. Sink	Repairs	25 45	
	1358	Jas. E. La Fortune	Frt. and drayage	13 77	
	1359	Roger Maher	Extra labor	24 00	3,186 24
1905. July 1	Total disbursements, current expense				\$36,239 09
	Balance on hand				3,323 91
	Total credits, current expense				\$39,563 00

## STATE OF MICHIGAN.

*Exhibit C.—Concluded.*

## ON ACCOUNT OF SPECIAL APPROPRIATIONS.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1904.		Addition to South Wing—			
July 29	1120	Lipsett & Sinclair.....	Contract.....	\$3,553 43	
Aug. 26	1135	John D. Chubb.....	Architect's fees....	275 00	
Nov. 30	1199	Lipsett & Sinclair.....	Contract.....	3,808 70	
1905.					
Mar. 31	1299	Lipsett & Sinclair.....	Contract.....	3,161 58	
	1300	Lipsett & Sinclair.....	Bal. on contract....	1,169 29	
June 30	1360	T. W. Wilmarth Co.....	Electric fixtures....	210 00	
					\$12,178 00
		Total disbursements, special appropriations.....			\$12,178 00
1905.					
July 1		Balance on hand.....		\$274 20	
1904.					
July 1		Overdraft.....		47 80	
					322 00
		Total credit, special appropriation.....			\$12,500 00
		Total credit, current expense.....			39,563 00
		Aggregate credits for fiscal year.....			\$52,063 00

## STATE BOARD OF EDUCATION.

131

## EXHIBIT D.

Luther L. Wright, Treasurer, Cr., for fiscal year ending June 30, 1906.

## ON ACCOUNT OF CURRENT EXPENSE.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
FORMER YEAR.					
1905. July 31	1361	Louise Holmes, secretary	Sundries	\$25 46	
	1362	Marquette Opera House	Rent	20 00	
	1363	Belle K. Middlekauff	Traveling expenses	4 30	
	1364	Lyon & Healy	Train. school sup.	6 55	
	1365	Rohlfing Sons Music Co.	Train. school sup.	1 98	
	1366	Prang Educational Co.	Train. school sup.	5 50	
	1367	George Wahr	Library	122 80	
	1368	Library Bureau	Library	70 14	
	1369	F. B. Spear & Sons	Fuel	16 00	
	1370	Light & Power Commission	Lamps	9 60	
	1371	Yawnman & Erbe Mfg. Co.	Laboratory	2 18	
	1372	Delf's Grocery	Grounds	4 00	
	1373	Michigan State Tel. Co.	Telephone	6 00	
Aug. 25	1374	William A. Quayle	Lecture	80 00	
	1383	Alonzo H. Tuttle	Lecture	20 00	
	1384	Grace A. Spaulding	Extra labor	14 75	
	1385	Mining Journal Co., Ltd.	Advertising	266 55	
	1386	Moderator-Topics	Advertising	23 50	
	1387	American Book Co.	Train. school sup.	2 16	
Oct. 25	1388	Ginn & Co.	Train. school sup.	6 18	
	1401	Librarian of Congress	Library	10 93	
	1402	The Macmillan Co.	Train. school sup.	9 98	
	1403	Oliver Ditson Co.	Train. school sup.	1 11	
	1404	Hager Bros. Co., Ltd.	General supplies	160 60	
	1405	Mining Journal Co., Ltd.	Printing and adv.	346 75	
					\$1,237 02
Nov. 24	1419	Richmond & Backus Co.	Contingent	\$394 25	
	1420	Bausch & Lomb Opt. Co.	Laboratory	179 90	
	1421	The Kny-Scherer Co.	Apparatus	305 40	
	1422	George N. Conklin	Music	350 00	
	1423	Hager Bros. Co.	General supplies	402 05	
	1424	M. R. Manhard & Son	General supplies	12 26	
	1425	Atkinson, Mentzer & Grover	Train. school sup.	21 00	
	1426	Lipsett & Sinclair	Contingent	420 20	
Dec. 29	1427	J. D. Mangum, P. M.	Postage	1 83	
	1427½	J. D. Mangum, P. M.	Postage	10 93	
					2,097 82
PRESENT YEAR.					
					\$3,334 84
July 29	1375	Pay roll	Salaries	\$2,964 95	
July 31	1376	Louise Holmes, secretary	Sundries	31 01	
	1377	Light & Power Com.	Motor for fans	25 00	
	1378	Marquette Gas Light Co.	Fuel	5 00	
	1379	Mich. State Tel. Co.	Telephone	6 00	
July 19	1380	Marquette Co. Tel. Co.	Telephone	3 75	
	1381	Walter A. Payne	Lectures	150 00	
	1382	E. F. Bigelow	Lectures	175 00	
					3,360 71
Aug. 25	1389	Pay roll	Salaries	\$2,589 95	
	1390	E. H. Lindley	Lectures	75 00	
	1391	Light & Power Com.	Motor for fans	25 00	
	1392	Marquette Gas Light Co.	Fuel gas	5 00	
	1393	Consolidated Fuel & Lt. Co.	General supplies	2 20	
	1394	Open Court Publishing Co.	Library	2 00	
					2,699 15
Sept. 30	1396	Pay roll	Salaries	\$2,500 60	
	1397	Louise Holmes, secretary	Sundries	22 40	
	1398	J. H. Kaye	Traveling expenses	37 85	
	1399	Light & Power Com.	Motor for fans	25 00	
	1400	Marquette Gas Light Co.	Fuel gas	5 00	
					2,590 85

## STATE OF MICHIGAN.

## Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905					
Oct. 31	1406	Pay roll.....	Salaries.....	\$2,917 45	
Oct. 25	1407	James H. Kaye.....	Traveling expenses.	16 64	
	1408	Nature Study Review.....	Library.....	1 00	
	1409	Standard Oil Co.....	General supplies.....	9 25	
	1410	J. I. Holcomb Mfg. Co.....	General supplies.....	5 40	
	1411	Kalamazoo Multicopy Co.....	General supplies.....	5 00	
	1412	Bunkio Matsuki.....	Train, school sup.....	20 13	
	1413	Public School Pub. Co.....	Train, school sup.....	1 46	
	1414	Light & Power Com.....	Fuel and lights.....	34 60	
	1415	Marquette Gas Light Co.....	Fuel and lights.....	5 00	
	1416	Marquette Co. Tel. Co.....	Telephone.....	3 75	
	1417	Mich. State Tel. Co.....	Telephone.....	6 00	
	1418	Con. Fuel & Lumber Co.....	Repairs.....	24 83	
					\$3,050 51
Nov. 30	1428	Pay roll.....	Salaries.....	\$2,762 90	
Nov. 24	1429	Louise Holmes, secretary.....	Sundry ex. Oct.....	36 85	
	1430	Louise Holmes, secretary.....	Sundry ex. Nov.....	25 76	
	1431	James H. Kaye.....	Contingent.....	15 42	
	1432	James H. Kaye.....	Contingent.....	12 25	
	1433	Elliott R. Downing.....	Contingent.....	5 70	
	1434	D. C. Heath & Co.....	Train, school sup.....	6 24	
	1435	D. Appleton & Co.....	Train, school sup.....	16 00	
	1436	Houghton, Mifflin & Co.....	Train, school sup.....	3 06	
	1437	Rand, McNally & Co.....	Train, school sup.....	36 82	
	1438	Silver, Burdett & Co.....	Train, school sup.....	27 00	
	1439	American Book Co.....	Train, school sup.....	9 00	
	1440	Ginn & Co.....	Train, school sup.....	41 52	
	1441	The Macmillan Co.....	Train, school sup.....	15 44	
	1442	Prang Educational Co.....	Train, school sup.....	52 85	
	1443	A. C. McClurg & Co.....	Library.....	181 25	
	1444	M. M. Stievle.....	Library.....	4 25	
	1445	R. R. Bowker.....	Library.....	2 00	
	1446	Jacob Hope.....	Laboratory.....	12 25	
	1447	G. Claude Drake.....	Laboratory.....	4 00	
	1448	Wm. C. Kreul Co.....	Laboratory.....	30 00	
	1449	Ihling Bros. & Everard.....	General supplies.....	12 82	
	1450	A. B. Dick Co.....	General supplies.....	1 34	
	1451	M. A. Donohue Co.....	General supplies.....	30 90	
	1452	F. B. Spear & Sons.....	Fuel and lights.....	58 40	
	1453	Light & Power Co.....	Fuel and lights.....	25 00	
	1454	Marquette Gas Light Co.....	Fuel and lights.....	5 00	
	1455	Sentinel Co.....	Printing and adv.....	8 10	
	1456	Roger Mahr.....	Grounds.....	52 50	
	1457	G. R. Watts.....	Alt. and repairs.....	11 00	
					3,505 62
Dec. 31	1458	Pay roll.....	Salaries.....	\$2,838 55	
Dec. 29	1459	James H. Kaye.....	Contingent.....	29 93	
	1460	Louise Holmes, secretary.....	Sundries.....	29 17	
	1461	Library Bureau.....	Library.....	11 10	
	1462	Ihling Bros. & Everard.....	Library.....	54 20	
	1463	Lemcke & Buechner.....	Library.....	13 50	
	1464	George Wahr.....	Library.....	17 20	
	1465	Rand, McNally & Co.....	Train, school sup.....	5 00	
	1466	Atkinson, Mentzer & Grover.....	Train, school sup.....	6 00	
	1467	Thomas Charles Co.....	Train, school sup.....	14 90	
	1468	M. A. Donohue Co.....	Train, school sup.....	3 00	
	1469	Ginn & Co.....	Train, school sup.....	24 00	
	1470	W. W. Calkins.....	Laboratory.....	5 60	
	1471	D. Blakely Hoar.....	Laboratory.....	10 00	
	1472	Chas. T. Geill.....	Alt. and repairs.....	25 51	
	1473	Johnson Service Co.....	Alt. and repairs.....	1 46	
	1474	C. H. Stoelting Co.....	Supplies.....	275 83	
	1475	Richmond & Backus Co.....	Supplies.....	15 00	
	1476	F. B. Spear & Sons.....	Fuel and lights.....	131 40	
	1477	Hulsebosch Bros.....	Grounds.....	34 79	
	1478	J. J. Flannigan.....	Frt. and express.....	7 66	
	1479	James E. LaFortune.....	Frt. and express.....	23 55	
					3,577 35
1906.					
Jan. 31	1480	Pay roll.....	Salaries.....	\$2,981 49	
Jan. 26	1481	Louise Holmes, secretary.....	Sundry ex.....	25 84	
	1482	James H. Kaye.....	Contingent.....	19 94	
	1483	Elliott R. Downing.....	Contingent.....	8 55	
	1484	Light & Power Co.....	Fuel and lights.....	37 50	
	1485	Marquette Gas Light Co.....	Fuel and lights.....	10 00	

## Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1906 Jan. 26	1486	A. H. Andrews Co.	Train. school sup.	\$8 00	
	1487	Standard Oil Co.	General supplies.	9 84	
	1488	The Mosher Safe Co.	Apparatus.	80 50	
	1489	James E. LaFortune.	Fr. and express.	42 39	
	1490	Mining Journal Co.	Printing.	65 00	
	1491	Bunkio Matsuki.	General supplies.	9 22	
					\$3,298 27
Feb. 28	1492	Pay roll.	Salaries.	\$2,662 00	
	1493	Louise Holmes, secretary.	Sundries.	50 00	
	1494	James H. Kaye.	Contingent.	26 73	
	1495	George Wahr.	Library.	206 72	
	1496	Journal of Geography.	Library.	1 50	
	1497	Irwin Shepard, sec. N. E. A.	Library.	2 00	
	1498	Detroit Free Press.	Library.	7 50	
	1499	H. W. Wilson Co.	Library.	6 00	
	1500	Garden City Educational Co.	Supplies.	3 70	
	1501	Hg. F. Clark & Sons.	Supplies.	1 50	
	1502	M. A. Donohue & Co.	Supplies.	7 20	
	1503	Marshall Paper Co.	Supplies.	21 25	
	1504	M. R. Manhard.	Supplies.	56 57	
	1505	Bigelow & Co.	Supplies.	31 55	
	1506	Silver, Burdett & Co.	Training school sup.	1 80	
	1507	Atkinson, Mentzer & Grover.	Training school sup.	5 52	
	1508	Bausch & Lomb Optical Co.	Laboratory.	4 18	
	1509	The Kny-Scheerer Co.	Laboratory.	15 00	
	1510	C. H. Stoelting Co.	Laboratory.	7 10	
	1511	H. R. Pattengill.	Printing and adv.	23 50	
	*1512	The Soo Times.	Printing and adv.	12 06	
	*1513	Mining Journal Co.	Printing and adv.	4 20	
	1514	Marquette Gas Light Co.	Fuel and lights.	5 00	
	1515	The Light & Power Co.	Fuel and lights.	23 30	
	1516	Marquette Co. Telephone Co.	Telephone.	3 75	
	1517	Mich. State Tel. Co.	Telephone.	6 00	
	1518	Jas. E. LaFortune.	Fr. and drayage.	17 05	
		Total.		\$3,212 68	
		*Less transfer.		16 26	
		Actual expend., Feb.			3,196 42
Mar. 31	1532	Pay roll.	Salaries.	\$2,941 50	
	1533	Louise Holmes, secretary.	Sundries.	39 53	
	1534	James H. Kaye.	Contingent.	32 65	
	1535	Atkinson, Mentzer & Grover.	Training school.	7 40	
	1536	Bunkio Matsuki.	Training school.	10 50	
	1537	Lyon & Healy.	Training school.	2 20	
	1538	M. A. Donohue & Co.	Training school.	41 53	
	1539	Wm. C. Kruef Co.	General supplies.	9 20	
	1540	Prang Educational Co.	General supplies.	43 19	
	1541	Thomas Charles Co.	General supplies.	14 25	
	1542	A. C. McClurg & Co.	Library.	22 25	
	1543	Henry Holt.	Library.	6 67	
	1544	Pendills Pharmacy.	Library.	13 42	
	1545	Bates & Guild Co.	Library.	2 50	
	1546	L. & P. Commission.	Fuel and lights.	12 50	
	1547	Marquette Gas Light Co.	Fuel and lights.	5 00	
	1548	F. B. Spear & Son.	Fuel and lights.	326 29	
	1549	Lipsett & Sinclair.	Alterations.	111 53	
	1550	E. J. Sink.	Alterations.	58 45	
	1551	Thomas Anthony.	Extra labor.	27 00	
	1552	Fred Frick Clock Co.	Apparatus.	5 25	
					3,732 81
April 30	1565	Pay roll.	Salaries.	\$2,817 65	
April 27	1566	Louise Holmes, secretary.	Sundry ex.	30 04	
	1567	J. E. Lautner.	Contingent.	14 40	
	1568	A. C. McClurg & Co.	Library.	19 00	
	1569	George Wahr.	Library.	60 21	
	1570	Expression Co.	Library.	4 00	
	1571	Univ. of Chicago Press.	Library.	3 00	
	1572	Library Bureau.	Library.	1 60	
	1573	F. B. Spear & Sons.	Fuel and lights.	117 52	
	1574	Light & Power Co.	Fuel and lights.	62 23	
	1575	Marquette Gas Co.	Fuel and lights.	6 12	
	1576	Ward's Natl. Sci. Est.	Laboratory.	10 00	

\* Vouchers 1512 and 1513 transferred to rebuilding South Wing account, in month of April.

## STATE OF MICHIGAN.

## Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1906 April 27	1577	C. H. Stoeltling Co.	Laboratory.....	\$10 45	
	1578	Bunkio Matsuki.....	Training school.....	1 56	
	1579	John Lane Co.....	Training school.....	2 43	
	1580	Rohlfing Sons.....	Training school.....	1 34	
	1581	A. H. Abbott & Co.....	General supplies.....	5 85	
	1582	M. R. Manhard Sons.....	General supplies.....	40 36	
	1583	Mich. State Tel. Co.....	Telephone.....	6 00	
	1584	Marquette Co. Tel. Co.....	Telephone.....	3 75	
	1585	James LaFortune.....	Freight.....	10 22	
	1586	C. E. Houk, P. M.....	Postage.....	20 00	
	1587	Mitchell & Sherman.....	Grounds.....	11 85	
	1588	Lipsett & Sinclair.....	Repairs.....	217 19	
					\$3,476 77
May 31	1591	Pay roll.....	Salaries.....	\$2,869 70	
May 25	1592	Louise Holmes, secretary.....	Current ex.....	50 00	
	1593	James H. Kaye.....	Contingent.....	31 43	
	1594	R. L. Polk.....	Library.....	5 00	
	1595	A. C. McClurg & Co.....	Library.....	2 49	
	1596	Library of Congress.....	Library.....	2 46	
	1597	George Wahr.....	Library.....	143 73	
	1598	Hager Bros. Co.....	General supplies.....	234 34	
	1599	Atkinson, Mentzer Co.....	General supplies.....	12 80	
	1600	S. D. Childs.....	General supplies.....	140 00	
	1601	Devoe & Reynolds.....	Training school.....	23 85	
	1602	A. H. Abbott Co.....	Training school.....	4 35	
	1603	Rand, McNally & Co.....	Training school.....	12 00	
	1604	Light & Power Co.....	Fuel and lights.....	20 15	
	1605	Marquette Gas Light Co.....	Fuel and lights.....	5 00	
	1606	F. B. Spear Co.....	Fuel and lights.....	83 50	
	1607	Stafford Greenhouses.....	Grounds.....	20 00	
	1608	Joseph Anthony.....	Repairs.....	100 00	
					3,760 80
June 29	1612	Pay roll.....	Salaries.....	\$2,777 65	
	1613	Louise Holmes, secretary.....	Current ex.....	50 00	
	1614	James H. Kaye.....	Contingent.....	40 98	
	1615	L. F. Anderson.....	Contingent.....	11 00	
	1616	J. L. Hammett Co.....	Laboratory.....	41 25	
	1617	Rand, McNally & Co.....	Laboratory.....	6 00	
	1618	The Caxton Co.....	Laboratory.....	16 00	
	1619	Henry J. Green.....	Laboratory.....	32 18	
	1620	Cent'l Scientific Co.....	Laboratory.....	88 45	
	1621	Denton Bros.....	Laboratory.....	19 70	
	1622	Bausch & Lomb Opt. Co.....	Laboratory.....	54 94	
	1623	Prang Educational Co.....	General supplies.....	13 35	
	1624	News-Record Pub. Co.....	General supplies.....	3 00	
	1625	W. M. Wilch Mfg.....	General supplies.....	10 00	
	1626	Silver, Burdett & Co.....	General supplies.....	17 17	
	1627	Oliver Ditson Co.....	General supplies.....	17 44	
	1628	Wm. C. Krue.....	General supplies.....	23 25	
	1629	Thomas Charles Co.....	General supplies.....	2 25	
	1630	Geo. Rowe.....	Training school.....	16 60	
	1631	A. H. Abbott Co.....	Training school.....	2 44	
	1632	George Wahr.....	Library.....	68 84	
	1633	A. C. McClurg & Co.....	Library.....	39 31	
	1634	Longmans Green Co.....	Library.....	1 38	
	1635	H. B. Walker.....	Library.....	20 00	
	1636	F. B. Spear & Sons.....	Fuel and lights.....	7 15	
	1637	Marquette Gas Light Co.....	Fuel and lights.....	5 00	
	1638	Light & Power Com.....	Fuel and lights.....	15 90	
	1639	Mrs. May V. Wills.....	Printing.....	5 00	
	1640	Mining Journal Co.....	Printing.....	403 00	
	1641	Lipsett & Sinclair.....	Alt. and repairs.....	585 90	
	1642	Consolidated Fuel & L. Co.....	Alt. and repairs.....	17 70	
	1643	Grace A. Spalding.....	Extra labor.....	34 65	
	1644	Lake Shore Engine Works.....	Grounds.....	2 10	
	1645	A. G. Spalding & Bros.....	Gymnasium.....	51 76	
	1646	Randolph Jones Mfg. Co.....	Apparatus.....	28 00	
	1647	James E. LaFortune.....	Freight and ex.....	34 87	
					4,564 21



## Exhibit D.—Concluded.

## ON ACCOUNT OF SPECIAL APPROPRIATIONS.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1906. Feb. 23	1519	Re-equipment, furn., etc.— Rand, McNally & Co.	Train. school sup.	\$78 92	
	1520	D. C. Heath & Co.	Train. school sup.	16 32	
	1521	Silver, Burdett & Co.	Train. school sup.	69 13	
	1522	Scott, Foresman & Co.	Train. school sup.	20 20	
	1523	A. C. McClurg & Co.	Train. school sup.	109 08	
	1524	A. H. Andrews Co.	Train. school sup.	9 00	
	1525	Houghton, Mifflin & Co.	Train. school sup.	30 72	
	1526	The Macmillan Co.	Train. school sup.	46 56	
	1527	Hager Bros. Co.	General supplies.	918 32	
	1528	Smith-Premier Type. Co.	General supplies.	87 75	
	1529	Prang Educational Co.	Art dept.	86 82	
	1530	Bunkio Matsuki.	Art dept.	8 78	
Mar. 30	1531	Thomas Charles Co.	Kindergarten.	112 86	
	1556	Ginn & Co.	Replacing equip.	71 28	
	1557	George Wahr.	Replacing equip.	238 52	
	1558	Maynard, Merrill & Co.	Replacing equip.	20 64	
	1559	Public School Pub. Co.	Replacing equip.	8 53	
	1560	D. Appleton & Co.	Replacing equip.	29 28	
	1561	A. H. Andrews & Co.	Replacing equip.	37 06	
	1562	Illing Bros. & Everard.	Replacing equip.	35 54	
	1563	American Book Co.	Replacing equip.	89 58	
	1564	Mining Journal Co.	Replacing equip.	112 35	
April 30	1589	Light & Power Com.	Furn. and equip.	102 62	
	1590	C. H. Stoelting Co.	Furn. and equip.	6 25	
June 30	1650	The Globe-Wernicke Co.	Furn. and equip.	38 00	
	1651	Devoc & Reynolds Co.	Furn. and equip.	126 00	
	1652	G. N. Conklin.	Furn. and equip.	18 75	
	1653	Hager Bros. Co.	Furn. and equip.	38 80	\$2,567 66
Mar. 31	1553	Clearing away rubbish— Lipsett & Sinclair.	Clearing away rub.	\$213 50	213 50
1905. Aug. 25	1395	Addition to South Wing— John D. Chubb.	Architect's fees.	\$218 50	218 50
1906. Mar. 31	1554	Repairs on library— M. R. Manhard.	Repairs.	\$153 31	
	1555	Lipsett & Sinclair.	Repairs.	1,420 18	1,573 49
Feb. 28	1512	Re-building South Wing— The Soo Times.	Printing and adv.	\$12 06	
	1513	Mining Journal Co.	Printing and adv.	4 20	
May 25	1609	Mining Journal Co.	Printing and adv.	14 20	
	1610	Milwaukee Free Press.	Printing and adv.	8 40	
	1611	The Soo Times.	Printing and adv.	6 30	45 16
June 30	1648	Addition to Peter White Hall of Science— O. R. Johnson & Co.	Material.	\$5,140 26	
	1649	E. W. Arnold.	Labor.	404 67	5,544 93
Total disbursements, special appropriations.					\$10,163 24

## STATE OF MICHIGAN.

## NORTHERN STATE NORMAL SCHOOL.

*Summary—Current Expense.*

Receipts and Disbursements.	Amount.	Totals.
<b>RECEIPTS.</b>		
Balance on hand July 1, 1905.....	\$3,323 91	
Received account former year fund, December 10, 1905.....	10 93	
Total.....	\$3,334 84	
Receipts, present year fund, July 1, 1905, to July 1, 1906.....	40,391 26	
Total receipts.....	\$43,726 10	
Add overdraft to balance with total expenditures.....	422 21	
Total.....		\$44,148 31
<b>EXPENDITURES.</b>		
Former year— July 1, 1905, to December 31, 1905.....	\$3,334 84	
Present year— July.....	3,360 71	
August.....	2,699 15	
September.....	2,590 85	
October.....	3,050 51	
November.....	3,505 62	
December.....	3,577 35	
January.....	3,298 27	
February.....	3,196 42	
March.....	3,732 81	
April.....	3,476 77	
May.....	3,760 80	
June.....	4,564 21	
Total expenditures.....		\$44,148 31

## NORTHERN STATE NORMAL SCHOOL.

*Summary—Special Appropriations.*

Receipts and Disbursements.	Amount.	Totals.
<b>RECEIPTS.</b>		
Balance on hand July 1, 1905.....	\$274 20	
Receipts, July 1, 1905, to July 1, 1906.....	23,500 00	
Total receipts.....		\$23,774 20
<b>EXPENDITURES.</b>		
Re-equipment, furniture, etc.....	\$2,567 66	
Clearing away rubbish.....	213 50	
Addition to south wing.....	218 50	
Repairs on library.....	1,573 49	
Rebuilding south wing.....	45 16	
Addition to Peter White Hall of Science.....	5,544 93	
Total expenditures.....	\$10,163 24	
Balance on hand July 1, 1906.....	13,610 96	
Total.....		\$23,774 20

## STATE BOARD OF EDUCATION.

137

## EXHIBIT E.

*Salary account, Dr., for fiscal year ending June 30, 1905.*

Date.	Name.	Time.	Amounts.	Total.
1905. June 30	James H. Kaye .....	Twelve months .....	\$2,500 00	
	L. F. Anderson .....	Twelve months .....	2,250 00	
	Wm. McCracken .....	Twelve months .....	2,250 00	
	Flora E. Hill .....	Twelve months .....	817 80	
	Grace A. Spalding .....	Twelve months .....	1,200 00	
	Sophia Linton .....	Twelve months .....	1,400 00	
	J. B. Fraught .....	Twelve months .....	2,250 00	
	E. R. Downing .....	Twelve months .....	2,250 00	
	C. E. Maxwell .....	Twelve months .....	1,200 00	
	Frances M. Kelsey .....	Twelve months .....	2,000 00	
	J. E. Lautner .....	Ten months .....	2,000 00	
	Belle K. Middlekauff .....	Nine months .....	750 00	
	Flora L. Mowbray .....	Twelve months .....	1,150 00	
	Henrietta J. Barnes .....	Twelve months .....	1,150 00	
	Esther M. Woodruff .....	One and one-half months .....	150 00	
	Lula C. Harrison .....	Twelve months .....	1,000 00	
	Luella A. Melhinch .....	Twelve months .....	1,150 00	
	Theodosia Hadley .....	Ten months .....	748 40	
	Ida A. Lamb .....	One and one-half months .....	150 00	
	James H. Thompson .....	Twelve months .....	200 00	
	F. A. Jeffers .....	One and one-half months .....	200 00	
	Rena C. Miller .....	Twelve months .....	1,200 00	
	Mrs. Karen M. Jacobson .....	Four months .....	425 00	
	Alma A. Olson .....	Four-fifths month .....	30 00	
	Louise Holmes .....	Ten months .....	490 76	
	Lydia M. Olson .....	Two and one-half months .....	126 00	
	A. M. Barry .....	Twelve months .....	780 00	
	John Peters .....	Twelve months .....	540 00	
Total .....				\$30,357 96

*Salary account, Cr., for fiscal year ending June 30, 1905.*

Date.	No. of voucher.	Pay rolls.	Amount.	Total.
1904. July 29	1113	July .....	\$2,654 22	
Aug. 26	1124	August .....	2,473 83	
Sept. 23	1138	September .....	2,477 41	
Oct. 28	1156	October .....	2,530 75	
Nov. 30	1175	November .....	2,456 00	
Dec. 16	1200	December .....	2,530 75	
1905. Jan. 31	1229	January .....	2,554 95	
Feb. 28	1248	February .....	2,379 80	
Mar. 31	1282	March .....	2,582 75	
April 29	1301	April .....	2,480 60	
May 31	1320	May .....	2,556 30	
June 21	1338	June .....	2,680 60	
Total .....				\$30,357 96

## STATE OF MICHIGAN.

## EXHIBIT F.

*Salary account, Dr., for fiscal year ending June 30, 1906.*

Date.	Name.	Time.	Amount.	Total.
1906. June 30	James H. Kaye.....	Twelve months.....	\$3,000 00	
	L. F. Anderson.....	Twelve months.....	2,250 00	
	Wm. McCracken.....	Twelve months.....	2,250 00	
	J. B. Fraught.....	Twelve months.....	2,250 00	
	E. R. Downing.....	Twelve months.....	2,250 00	
	J. E. Lautner.....	Ten months.....	1,787 79	
	Flora E. Hill.....	Twelve months.....	1,531 60	
	Belle K. Middlekauff.....	Twelve months.....	1,150 00	
	Grace A. Spalding.....	Twelve months.....	1,300 00	
	Sophia Linton.....	Twelve months.....	1,475 00	
	Catherine E. Maxwell.....	Twelve months.....	1,400 00	
	Frances M. Kelsey.....	Twelve months.....	2,000 00	
	Flora L. Mowbray.....	Three months.....	287 50	
	Henrietta J. Barnes.....	Twelve months.....	1,150 00	
	Theodosia H. Hadley.....	Twelve months.....	975 00	
	Lula C. Harrison.....	Twelve months.....	1,112 50	
	Luella A. Melhinch.....	Twelve months.....	1,150 00	
	Rena C. Miller.....	Twelve months.....	1,375 00	
	Louise Holmes.....	Twelve months.....	700 00	
	A. M. Barry.....	Twelve months.....	780 00	
	John Peters.....	Ten months.....	449 50	
	John Williams.....	Seven months.....	290 50	
	James H. Thompson.....	Four months.....	66 80	
	L. L. Wright.....	Eight months.....	133 20	
	Kendall P. Brooks.....	One and one-half months.....	150 00	
	Fred M. Jeffers.....	One month.....	200 00	
	Alice Spencer Dennis.....	One and one-half months.....	150 00	
	E. H. Comstock.....	One and one-half months.....	150 00	
	V. Winifred Lacey.....	One and one-half months.....	75 00	
	H. Susan Bates.....	Nine months.....	675 00	
	Eulie Gay Rushmore.....	Nine months.....	975 00	
	Josephine Johnson.....	Nine months.....	135 00	
Total.....				<u>\$33,624 39</u>

## EXHIBIT F.—Concluded.

*Salary account, Cr., for fiscal year ending June 30, 1906.*

Date.	No. of voucher.	Pay rolls.	Amount.	Total.
1905.				
July 28	1375	July.....	\$2,964 95	
Aug. 25	1389	August.....	2,589 95	
Sept. 30	1396	September.....	2,500 60	
Oct. 31	1406	October.....	2,917 45	
Nov. 30	1428	November.....	2,762 90	
Dec. 31	1458	December.....	2,838 55	
1906.				
Jan. 31	1480	January.....	2,981 49	
Feb. 28	1492	February.....	2,662 00	
Mar. 30	1532	March.....	2,941 50	
April 27	1565	April.....	2,817 65	
May 31	1591	May.....	2,869 70	
June 22	1612	June.....	2,777 65	
Total.....				<u>\$33,624 39</u>

## WESTERN STATE NORMAL SCHOOL.

## EXHIBIT A.

*James H. Thompson, Treasurer, Dr., for fiscal year ending June 30, 1905.*

## ON ACCOUNT OF CURRENT EXPENSE.

Date.	No. of receipt.	Of whom received.	Amount.	Totals.
1904.		Legislative appropriations—		
July 7	2	State Treasurer.....	\$625 00	
Aug. 1	3	State Treasurer.....	541 66	
Aug. 22	5	State Treasurer.....	583 33	
Sept. 9	6	State Treasurer.....	583 33	
Nov. 7	7	State Treasurer.....	583 33	
Nov. 11	8	State Treasurer.....	583 33	
Dec. 9	9	State Treasurer.....	583 33	
Dec. 9	10	State Treasurer.....	583 33	
Dec. 9	11	State Treasurer.....	583 33	
Dec. 9	12	State Treasurer.....	583 33	
Dec. 20	14	State Treasurer.....	583 33	
Dec. 20	15	State Treasurer.....	583 37	
1905.				
Mar. 25	18	State Treasurer.....	6,000 00	
April 13	20	State Treasurer.....	3,000 00	
May 6	21	State Treasurer.....	3,000 00	
June 7	22	State Treasurer.....	4,108 00	\$23,108 00
1904.		Tuition fees—		
Aug. 19	4	Josephine H. Wing, secretary.....	\$156 00	
Dec. 10	13	Josephine H. Wing, secretary.....	228 00	
April 7	19	Josephine H. Wing, secretary.....	255 00	
June 19	23	Josephine H. Wing, secretary.....	243 00	882 00
Total receipts, current expense.....				\$23,990 00
Total debits, current expense.....				\$23,990 00

## ON ACCOUNT OF SPECIAL APPROPRIATIONS.

Date.	No. of receipt.	Of whom received.	Amount.	Totals.
1905.		Erection and completion of building—		
Jan. 5	16	State Treasurer.....	\$5,000 00	
Feb. 10	17	State Treasurer.....	10,000 00	
June 14	24	State Treasurer.....	10,000 00	\$25,000 00
Total debits, special appropriations.....				\$25,000 00
Total debits, current expense.....				23,990 00
Aggregate for fiscal year.....				\$48,990 00

## STATE OF MICHIGAN.

## EXHIBIT, B.

*Luther L. Wright, Treasurer, Dr., for fiscal year ending June 30, 1908.*

## ON ACCOUNT OF CURRENT EXPENSE.

Date.	No. of receipt.	Of whom received. <sup>1</sup>	Amount.	Totals.
1905.		Legislative appropriations—		
July 12	25	State Treasurer.....	\$2,916 66	
Aug. 14	26	State Treasurer.....	2,916 66	
Sept. 14	27	State Treasurer.....	2,916 66	
Oct. 11	30	State Treasurer.....	2,916 66	
Nov. 9	31	State Treasurer.....	2,916 66	
Dec. 14	33	State Treasurer.....	2,916 66	
1906.				
Jan. 19	35	State Treasurer.....	2,916 66	
Feb. 14	37	State Treasurer.....	2,916 66	
Mar. 1	38	State Treasurer.....	2,916 66	
April 14	39	State Treasurer.....	2,916 66	
May 1	40	State Treasurer.....	2,916 66	
June 13	43	State Treasurer.....	2,916 74	\$35,000 00
		Tuition fees—		
Sept. 26	28	Katherine Newton, secretary.....	\$492 00	
Nov. 13	32	Katherine Newton, secretary.....	351 00	
Jan. 10	34	Katherine Newton, secretary, tuition and dip.....	81 00	
Feb. 2	36	Katherine Newton, secretary.....	372 00	
June 1	41	Katherine Newton, secretary.....	339 00	1,635 00
		Cash returned—		
June 1	42	Katherine Newton (over payment).....	\$3 45	3 45
Total receipts, current expense.....				<u>\$36,638 45</u>

## ON ACCOUNT OF SPECIAL APPROPRIATIONS.

Date.	No. of receipt.	Of whom received.	Amount.	Totals.
1905.		Furnishing and equipment of new building—		
Sept. 2		State Treasurer.....	\$5,000 00	\$5,000 00
Total receipts, special appropriations.....				<u>\$5,000 00</u>
RECAPITULATION, DR.				
Current expense, 1904-5.....			\$23,990 00	
Current expense, 1905-6.....			36,638 45	
Special appropriation, 1904-5.....			25,000 00	
Special appropriation, 1905-6.....			5,000 00	
Aggregate for all purposes for two years.....				<u>\$90,628 45</u>

## STATE BOARD OF EDUCATION.

141

## EXHIBIT C.

James H. Thompson, Treasurer, Cr., for fiscal year ending June 30, 1905.

## ON ACCOUNT OF CURRENT EXPENSE.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1904.					
July 29	3	Pay roll .....	Salaries .....	\$1,202 70	\$1,202 70
Aug. 26	4	Pay roll .....	Salaries .....	\$497 70	
	5	D. B. Waldo .....	Travelling expenses.	32 18	529 88
Sept. 23	6	Pay roll .....	Salaries .....	\$444 60	
	7	D. B. Waldo .....	Sundries .....	36 30	480 90
Oct. 28	8	Pay roll .....	Salaries .....	\$1,512 68	
	9	Josephine H. Wing, secretary.	Sundries .....	19 16	1,661 59
	10	Josephine H. Wing, secretary.	Sundries .....	49 72	
	11	Rural Advocate Pub. Co. ....	Advertising .....	19 60	
	12	Richmond & Backus Co. ....	General supplies .....	10 65	
	13	Edwards & Chamberlain Hdw. Co. ....	General supplies .....	38 15	
	14	D. B. Waldo .....	Traveling expenses.	11 63	
Nov. 30	15	Pay roll .....	Salaries .....	\$1,469 58	1,526 01
	16	North & Coon Lbr. Co. ....	Lumber .....	10 32	
	17	L. Jay Everett .....	General supplies .....	5 91	
	18	Orville Brewer Pub. Co. ....	General supplies .....	2 40	
	19	D. Appleton & Co. ....	General supplies .....	4 19	
	20	Locker & Robb .....	General supplies .....	24 21	
	21	Mich. State Tel. Co. ....	Telephone .....	1 35	
	22	H. R. Pattengill .....	Advertising .....	8 05	
Dec. 16	23	Pay roll .....	Salaries .....	\$1,677 71	1,932 48
	24	Josephine H. Wing, secretary.	Sundries .....	10 30	
	25	Josephine H. Wing, secretary.	Sundries .....	27 52	
	26	Edwards & Chamberlain Co. ....	General supplies .....	4 21	
	27	Kalamazoo Paper B. & C. Co. ....	General supplies .....	6 25	
	28	North & Coon Lumber Co. ....	General supplies .....	1 72	
	29	Hammacher, Schlemmer & Co. ....	General supplies .....	7 38	
	30	Kalamazoo Telegraph Co. ....	Advertising .....	103 08	
	31	Ashton, Buckhout & Ashton ..	Fuel .....	84 30	
	32	D. B. Waldo .....	Traveling expenses.	10 01	
1905.					
Jan. 31	33	Josephine H. Wing, secretary.	Sundries .....	\$21 87	21 87
Mar. 31	48½	Josephine H. Wing, secretary.	Sundries .....	\$28 57	5,789 48
Mar. 15	49	January pay roll .....	Salaries .....	1,668 90	
	50	February pay roll .....	Salaries .....	1,665 44	
Mar. 31	51	March pay roll .....	Salaries .....	1,655 58	
	52	Josephine H. Wing, secretary.	Sundries .....	49 69	
	53	Josephine H. Wing, secretary.	Postage .....	50 00	
	54	The Macmillan Co. ....	Library .....	4 49	
	55	A. C. McClurg & Co. ....	Library .....	43 19	
	56	A. C. McClurg & Co. ....	Library .....	45 30	
	57	A. C. McClurg & Co. ....	Library .....	24 07	
	58	George Wahr .....	Library .....	25 42	
	59	Ginn & Co. ....	Library .....	50 00	
	60	Ginn & Co. ....	Library .....	3 75	
	61	Henry Holt & Co. ....	General supplies .....	72	
	62	Silver, Burdett & Co. ....	General supplies .....	15 00	
	63	Atkinson, Mentzer & Grover ..	General supplies .....	16 00	
	64	Ward's Nat. Sci. Estab. ....	General supplies .....	5 00	
	65	Chas. H. McGurrin .....	General supplies .....	75 00	
	66	Edwin E. Howell .....	General supplies .....	6 40	
	67	North & Coon Lumber Co. ....	General supplies .....	2 70	
	68	C. Barkenbus .....	General supplies .....	50	
	69	Wm. Rose .....	General supplies .....	1 85	
	70	Edwards & Chamberlain Co. ....	General supplies .....	10 73	
	71	Bausch & Lomb Opt. Co. ....	General supplies .....	153 50	
	72	Ashton, Buckhout & Ashton ..	Fuel .....	147 00	
	73	W. A. Bunting & Co. ....	Fuel .....	69 25	

## STATE OF MICHIGAN.

## Exhibit C.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905					
April 13	76	D. B. Waldo.....	Traveling expenses.	\$7 86	
	77	Central Scientific Co.....	General supplies...	179 67	
	78	George Warr.....	Library.....	132 81	
	79	Imling Bros. & Everard.....	General supplies...	474 26	
	80	Pay roll.....	Salaries.....	1,728 71	
	81	Josephine H. Wing.....	Sundries.....	42 93	
	82	D. B. Waldo.....	Traveling expenses.	2 41	
	83	D. B. Waldo.....	Traveling expenses.	14 03	
	84	D. B. Waldo.....	Traveling expenses.	14 08	
	85	D. B. Waldo.....	Traveling expenses.	7 11	
	86	A. C. McClurg & Co.....	Library.....	5 40	
	87	A. C. McClurg & Co.....	Library.....	38 38	
	88	C. E. McDevitt-Wilson.....	Library.....	8 70	
	89	George Wahr.....	Library.....	33 79	
	90	George Wahr.....	Library.....	27 95	
	91	American Book Co.....	Library.....	1 80	
	92	The Macmillan Co.....	Library.....	7 00	
	93	Popular Science Monthly.....	Library.....	1 50	
	94	Beecher & Kymer.....	Library.....	8 16	
	95	Nat. Educational Ass'n.....	Library.....	1 20	
	96	Farmers' Sheds Grocery.....	General supplies...	16 10	
	97	Frank W. Russell.....	General supplies...	1 40	
	98	Gilmore Bros.....	General supplies...	20 85	
	99	North & Coon Lumber Co.....	General supplies...	3 91	
	100	Phelps & Bigelow W. M. Co.....	General supplies...	3 30	
	101	H. K. Pattengill.....	Advertising.....	23 50	
	102	Ihling Bros. & Everard.....	General supplies...	81 95	
	103	H. G. Colman & Co.....	Laboratory.....	9 56	
	104	Central Scientific Co.....	Laboratory.....	7 65	
	105	W. A. Bunting & Co.....	Fuel.....	72 00	
	106	Kalamazoo College.....	Fuel and rent.....	411 25	
	107	Ernest Burnham.....	Traveling expenses.	7 74	
					\$3,396 96
May 31	111	Pay roll.....	Salaries.....	\$1,692 61	
	112	Josephine H. Wing, secretary.....	Sundries.....	39 52	
	113	D. B. Waldo.....	Traveling expenses.	19 76	
	114	D. B. Waldo.....	Traveling expenses.	15 68	
	115	D. B. Waldo.....	Traveling expenses.	51 53	
	116	Ernest Burnham.....	Traveling expenses.	6 55	
	117	A. C. McClurg & Co.....	Library.....	99 45	
	118	A. C. McClurg & Co.....	Library.....	56 89	
	119	A. C. McClurg & Co.....	Library.....	7 81	
	120	Ginn & Co.....	Library.....	1 18	
	121	H. R. Pattengill.....	Library.....	1 00	
	122	The Macmillan Co.....	Library.....	2 85	
	123	New England Pub. Co.....	Library.....	2 50	
	124	Beecher & Kymer.....	Library.....	3 40	
	125	North & Coon Lumber Co.....	General supplies...	2 10	
	126	Ihling Bros. & Everard.....	General supplies...	14 28	
	127	Phelps & Bigelow W. Mill Co.....	General supplies...	50	
	128	Dewing & Sons.....	General supplies...	1 82	
	129	Library Bureau.....	Library.....	9 50	
	130	Detroit Photographic Co.....	Train. school sup.....	10 15	
	131	E. A. Dunwell.....	Laboratory.....	3 00	
	132	Bausch & Lomb Opt. Co.....	Laboratory.....	40 50	
	133	W. A. Bunting & Co.....	Fuel.....	25 00	
May 20	134	Kalamazoo College.....	Rent.....	195 00	
					2,302 58
June 21	138	Pay roll.....	Salaries.....	\$1,683 80	
	139	J. H. Wing, secretary.....	Sundries.....	48 69	
	140	D. B. Waldo.....	Traveling expenses.	5 82	
	141	D. B. Waldo.....	Traveling expenses.	3 89	
	142	D. B. Waldo.....	Traveling expenses.	8 86	
	143	D. B. Waldo.....	Traveling expenses.	9 92	
	144	A. W. Mumford.....	Library.....	8 46	
	145	A. C. McClurg & Co.....	Library.....	361 36	
	146	Librarian of Congress.....	Library.....	10 00	
	147	Kalamazoo Bd. of Ed.....	General supplies...	3 75	
	148	Beecher & Kymer.....	General supplies...	2 75	
	149	Yawman & Erbe Mfg. Co.....	General supplies...	240 00	
	150	Phelps & Bigelow W. M. Co.....	General supplies...	38	
	151	Atlas School Supply Co.....	General supplies...	3 60	
	152	H. T. Prange.....	General supplies...	4 95	
	153	S. D. Childs & Co.....	General supplies...	50 00	



*Exhibit C.—Concluded.*

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905 June 21	154	The Henderson-Ames Co.....	General supplies. . .	\$12 00	
	155	North & Coon Lbr. Co.....	General supplies. . .	2 59	
	156	Klingman's S. Furn. Co.....	General supplies. . .	100 00	
	157	Geo. W. Rowe.....	Laboratory.....	6 35	
	158	Columbian Electric Co.....	Laboratory.....	7 87	
	159	Moline Tool Co.....	Manual training... .	215 00	
	160	Miller, Ryder & Winterburn Co.....	Train. school sup... .	1 40	
	161	W. A. Drake.....	Grounds.....	2 00	
	162	H. O. Sheldon, clerk.....	Express.....	32	
	163	O. O. Bishop.....	Advertising.....	3 00	
	164	Rural Adv. Pub. Co., Ltd.....	Advertising.....	7 35	
	165	First Cong. Church.....	Rent.....	4 00	
	166	Kalamazoo College.....	Rent.....	65 00	
	167	George E. Vincent.....	Lecture.....	60 00	
					\$2,938.11
1905. July 1		Total disbursements, current expense.....			\$21,811 13
		Balance on hand.....			2,178 87
		Total credits, current expense.....			\$23,990 00

## ON ACCOUNT OF SPECIAL APPROPRIATIONS.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905. Jan. 6	34	Erection and completion of building—			
Jan. 31	35	Geo. S. Pierson.....	Labor.....	\$84 75	
	36	E. W. Arnold.....	Superintendence... .	108 00	
	37	E. W. Arnold.....	Superintendence... .	69 00	
	38	E. W. Arnold.....	Superintendence... .	48 00	
	39	E. W. Arnold.....	Traveling expenses... .	31 71	
	40	E. W. Arnold.....	Traveling expenses... .	16 91	
	41	E. W. Arnold.....	Traveling expenses... .	11 14	
	42	Geo. Rickman & Sons Co... .	Contract.....	3,393 00	
	43	Kalamazoo Telegraph Co... .	Advertising.....	28 56	
Jan. 6	44	H. N. Elwell, register.....	Recording deed.....	75	
	45	W. A. Drake.....	Labor.....	199 08	
	46	North & Coon Lbr. Co.....	Supplies.....	8 40	
Feb. 28	47	Godfrey Munger Lbr. Co... .	Supplies.....	3 75	
	48	E. W. Arnold.....	Traveling expenses... .	10 25	
Mar. 31	49	E. W. Arnold.....	Superintendence... .	42 00	
	74	Kal. Plumb. & Heat. Co... .	Labor and mater'l... .	24 67	
April 29	75	E. W. Arnold.....	Superintendence... .	48 00	
	108	E. W. Arnold.....	Traveling expenses... .	21 95	
	109	E. W. Arnold.....	Traveling expenses... .	10 02	
	110	E. W. Arnold.....	Superintendence... .	45 00	
May 3	135	Eureka Heat. & Vent. Co... .	Contract.....	3,397 86	
May 31	136	E. W. Arnold.....	Traveling expenses... .	14 61	
	137	E. W. Arnold.....	Superintendence... .	57 00	
June 30	168	E. W. Arnold.....	Superintendence... .	48 00	
	169	E. W. Arnold.....	Traveling expenses... .	11 94	
June 12	170	Geo. Rickman & Sons Co... .	Contract.....	9,112 50	
					\$16,846 85
1905. July 1		Total disbursements, special appropriations.....			\$16,846 85
		Balance on hand.....			8,153 15
		Total credits, special appropriations.....			\$25,000 00
		Total credits, current expense.....			23,990 00
		Aggregate credits for fiscal year.....			\$48,990 00

## STATE OF MICHIGAN.

## EXHIBIT D.

Luther L. Wright, Treasurer, Cr., for fiscal year ending June 30, 1906.

## ON ACCOUNT OF CURRENT EXPENSE.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
FORMER YEAR.					
1905. July 31	171	D. B. Waldo.	Traveling expenses.	\$8 11	
	172	Martha A. Sherwood.	Traveling expenses.	10 70	
	173	Univ. of Chicago Press.	Library.	22 10	
	174	G. E. Stechert.	Library.	12 82	
	175	Silver, Burdett & Co.	Library.	6 67	
	176	Max Weg.	Library.	9 87	
	177	The Davis Press.	Library.	7 60	
	178	Bunkio Matsuki.	Library.	23 05	
	179	Edwards & Chamberlain Hdw. Co.	General supplies.	64 36	
	180	The Caxton Co.	General supplies.	24 00	
	181	Imperial Brush Co.	General supplies.	15 50	
	182	C. P. Lesh Paper Co.	General supplies.	13 65	
	183	J. M. Reidsema.	General supplies.	2 00	
	184	North & Coon Lumber Co.	General supplies.	6 15	
	185	Doubleday Bros. & Co.	General supplies.	7 50	
	186	Farmers' Sheds Grocery.	General supplies.	4 06	
	187	Star Stoneware Co.	General supplies.	2 00	
	188	W. E. Geary.	General supplies.	4 75	
	189	Beecher & Kymer.	General supplies.	4 65	
	190	Dennison Mfg. Co.	General supplies.	57	
	191	Ihling Bros. & Everard.	General supplies.	34 60	
	192	Bausch & Lomb Opt. Co.	Laboratory.	149 13	
	193	Ginn & Co.	Train. school sup.	18 33	
	194	J. A. J. Friedrich.	Train. school sup.	95	
	195	Yawman & Erbe Mfg. Co.	Furniture.	50 50	
	196	Hastings Truck Co.	Frt. and drayage.	25 98	
	197	Geo. Payne.	Extra labor.	6 25	
	198	H. N. Elwell, Reg.	Recording papers.	1 50	
	199	Kalamazoo Gazette.	Advertising.	28 00	
	200	H. R. Pattengill.	Advertising.	23 50	
	201	Kalamazoo Tel. Co.	Advertising.	24 00	
	202	A. E. Winship.	Lectures.	75 00	\$687 85
Aug. 25	209	Grinnell Bros.	Piano rent.	\$36 00	
	210	John Van Male.	General supplies.	8 00	
	211	Detroit Free Press.	Advertising.	5 25	
	212	J. H. Wing, secretary.	Sundries.	49 69	98 94
Sept. 20	230	City of Kalamazoo.	Water pipes.	\$1,371 21	
Sept. 30	231	Mich. State Tel. Co.	Telephone.	4 70	1,375 91
Oct. 25	255	The H. W. Wilson Co.	Library.	\$2 50	2 50
Nov. 24	286	F. W. Russell.	General supplies.	\$4 10	
	287	U. S. Express.	Express.	2 00	
	288	L. H. Wood.	General supplies.	7 57	13 67
PRESENT YEAR.					
1905. July 29	203	Pay roll.	Salaries.	\$2,796 24	
July 31	204	D. B. Waldo.	Traveling expenses.	7 96	
	205	Library Bureau.	Library.	204 80	
July 8	206	Jane Addams.	Lecture.	58 00	
July 18	207	F. A. Cotton.	Lecture.	15 00	
July 20	208	E. F. Biglow.	Lecture.	175 00	3,257 00

## STATE BOARD OF EDUCATION.

145

## Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905 Aug. 25	213	Pay roll.....	Salaries.....	\$2,340 26	
	214	A. C. McClurg & Co.....	Library.....	76 35	
	215	G. E. Stechert & Co.....	Library.....	2 99	
	216	Beecher & Kymmer.....	General supplies.....	10 35	
	217	Chas. A. Strelinger Co.....	General supplies.....	3 20	
	218	Dewing & Sons.....	General supplies.....	17 85	
	219	Ihling Bros. & Everard.....	General supplies.....	58 70	
	220	Gilmore Bros.....	General supplies.....	3 17	
	221	Star Bargain House.....	Art supplies.....	1 92	
	222	W. E. Geary.....	Art supplies.....	1 86	
	223	Prang Educational Co.....	Art supplies.....	45 32	
	224	Columbian Elec. Co.....	Manual training.....	46 25	
	225	L. Jay Everett.....	Manual training.....	9 27	
	226	Edwards & Chamberlain Hdw. Co.....	Manual training.....	49 79	
	227	Geo. E. Vincent.....	Lectures.....	75 00	
					\$2,742 28
Sept. 30	232	Pay roll.....	Salaries.....	\$2,080 00	
Sept. 22	233	Pay roll.....	Extra labor.....	105 72	
Sept. 30	234	J. H. Wing, secretary.....	Sundries.....	43 28	
	235	J. H. Wing, secretary.....	Sundries.....	32 22	
	236	D. B. Waldo.....	Traveling expenses.....	9 58	
	237	A. C. McClurg & Co.....	Library.....	227 21	
	238	A. C. McClurg & Co.....	Library.....	13 06	
	239	Grinnell Bros.....	Library.....	2 50	
	240	G. E. Stechert & Co.....	Library.....	6 69	
	241	C. H. Stoeling Co.....	Laboratory.....	29 77	
	242	Kalamazoo F. & M. Co.....	General supplies.....	24 10	
	243	North & Coon Lbr. Co.....	General supplies.....	12 03	
	244	G. Van Bochove & Bros.....	Train, school sup.....	3 85	
	245	Thomas Charles Co.....	Train, school sup.....	34 46	
	246	Edwards & Chamberlain H. Co.....	General supplies.....	8 72	
	247	John Hastings Tr. Co.....	Frt. and drayage.....	31 07	
	248	A. H. Nichols.....	Cartage.....	1 75	
	249	American Express Co.....	Express.....	2 65	
	250	M. O. Dewey.....	Fuel.....	170 64	
	251	Michigan State Tel. Co.....	Telephone.....	11 35	
	252	Western Union Tel. Co.....	Telegrams.....	1 15	2,851 80
Oct. 31	256	Pay roll.....	Salaries.....	\$2,221 84	
Oct. 25	257	Pay roll.....	Extra labor.....	79 58	
	258	Pay roll.....	Extra labor.....	12 50	
	259	Ihling Bros. & Everard.....	General supplies.....	230 40	
	260	Ihling Bros. & Everard.....	General supplies.....	85 00	
	261	Ihling Bros. & Everard.....	General supplies.....	7 10	
	262	Wheeler & Pitkin.....	General supplies.....	70 00	
	263	Wheeler & Pitkin.....	General supplies.....	36 76	
	264	North & Coon Lbr. Co.....	General supplies.....	186 99	
	265	Gilmore Bros.....	General supplies.....	121 00	
	266	H. Slewert.....	General supplies.....	8 60	
	267	Mich. Nursery & Orchard Co.....	Grounds.....	6 20	
	268	Edwards & Chamberlain Hdw. Co.....	General supplies.....	3 78	
	269	F. W. Hinrichs.....	General supplies.....	3 50	
	270	Peoples' Outfitting Co.....	General supplies.....	12 00	
	271	Kalamazoo Board of Educ.....	Lights.....	4 10	
	272	M. O. Dewey Co.....	Fuel.....	163 89	
	273	Ed. Wagner.....	Labor.....	15 00	
	274	H. B. Colman, P. M.....	Postage.....	25 00	
	275	Yawman & Erbe Mfg. Co.....	Furniture.....	84 00	
	276	D. B. Waldo, Prin.....	Sundries.....	8 05	
	277	Univ. of Chicago Press.....	Library.....	1 35	
	278	H. W. Wilson Co.....	Library.....	2 50	
	279	Library of Congress.....	Library.....	10 00	
	280	Ward Bros.....	Library.....	4 50	
	281	International Studio.....	Library.....	10 00	
	282	D. A. Wright.....	Library.....	2 00	
	283	Moline Tool Co.....	Apparatus.....	6 50	
	284	Prang Educational Co.....	Art supplies.....	1 82	
	285	Atkinson, Mentzer & Grover.....	Art supplies.....	2 50	3,426 46

## STATE OF MICHIGAN.

## Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905					
Nov. 30	289	Pay roll.....	Salaries.....	\$2,142 22	
Nov. 24	290	Wheeler & Pitkin.....	Sewer.....	575 00	
	291	Gillmore Bros.....	Carpet.....	277 34	
	292	F. W. Russell.....	Shades.....	183 30	
	293	Library Bureau.....	Furniture.....	160 00	
	294	John Goldsworthy.....	Desks.....	152 00	
	295	Yawman & Erbe.....	Furniture.....	63 00	
	296	E. H. Sargent & Co.....	Lab. supplies.....	96 64	
	297	E. H. Sargent & Co.....	Laboratory sup.....	53 93	
	298	North & Coon.....	Lumber.....	47 75	
	299	D. B. Waldo.....	Traveling expenses.....	40 08	
	300	A. C. McClurg & Co.....	Library.....	31 88	
	301	A. C. McClurg & Co.....	Library.....	23 05	
	302	A. C. McClurg & Co.....	Library.....	10 83	
	303	A. C. McClurg & Co.....	Library.....	2 43	
	304	John Hastings Trucking Co.....	Frt. and cartage.....	29 64	
	305	John Hastings Trucking Co.....	Frt. and cartage.....	21 54	
	306	Edwards & Chamberlain.....	Supplies.....	26 49	
	307	Mich. Tel. Co.....	Tel. service.....	15 65	
	308	Thomas M. Charles Co.....	Supplies.....	5 10	
	309	Detroit Free Press.....	Library.....	5 00	
	310	Chicago Record-Herald.....	Library.....	1 50	
	311	American Express Co.....	Express.....	4 80	
	312	Emelia Goldsworthy.....	Supplies.....	3 10	
	313	K. Newton, secretary, sundry persons.....	Supplies.....	23 13	
	314	L. J. Everett.....	Furniture.....	24 00	\$4,019 40
Dec. 31	318	Pay roll.....	Salaries.....	\$2,152 99	
Dec. 29	319	Extra labor.....		41 16	
	320	Amer. Sch. Furn. Co.....	Furniture.....	496 88	
	321	City of Kalamazoo.....	Water pipe.....	111 25	
	322	City of Kalamazoo.....	Water pipe.....	80 90	
	323	M. O. Dewey Co.....	Fuel.....	164 80	
	324	A. C. McClurg & Co.....	Library.....	84 27	
	325	Geo. W. Rowe.....	General supplies.....	45 25	
	326	Library Bureau.....	Furniture.....	42 50	
	327	Commonwealth Power Co.....	Light and power.....	37 44	
	328	Doubleday Bros. & Co.....	Printing.....	36 25	
	329	McDevitt Wilson.....	Library.....	32 09	
	330	Columbia Electric Co.....	General supplies.....	27 52	
	331	North & Coon Lumber Co.....	Lumber.....	24 54	
	332	Star Paper Co.....	General supplies.....	18 03	
	333	The Macmillan Co.....	Library.....	3 95	
	334	Thling & Cone.....	Furniture.....	11 50	
	335	Miller Ryder & Winterbune.....	Laboratory.....	7 40	
	336	Thos. Charles.....	Kinderg'n sup.....	6 64	
	337	Henderson-Ames Co.....	Flag.....	6 60	
	338	C. F. Lesh Paper Co.....	General supplies.....	6 53	
	339	American Express Co.....	Express.....	5 22	
	340	Phil. Bookstore Co.....	Library.....	5 55	
	341	Capital Elec. Eng. Co.....	General supplies.....	3 43	
	342	Edwards & Chamberlain.....	General supplies.....	2 97	
	343	Silver, Burdett & Co.....	Library.....	1 89	
	344	James LaFortune.....	General supplies.....	1 50	
	345	K. Newton, secretary, sundry persons.....		31 87	3,490 92
1906					
Jan. 31	346	Pay roll.....	Salaries.....	\$2,280 37	
Jan. 26	347	Gillmore Bros.....	General supplies.....	168 42	
	348	Wheeler & Pitkin.....	Plumbing and rep.....	127 37	
	349	G. S. Pierson.....	Engin'g on gals.....	26 50	
	350	Commonwealth Power Co.....	Light and Power.....	21 60	
	351	C. E. Houk, P. M.....	Postage.....	20 00	
	352	Hastings Trucking Co.....	Frt. and cartage.....	13 90	
	353	Thling Bros. & Everard.....	General supplies.....	11 20	
	354	Prang Educational Co.....	Art supplies.....	8 16	
	355	Ginn & Co.....	Train, school sup.....	6 25	
	356	Farmers' Sheds Grocery.....	General supplies.....	4 77	
	357	D. C. Heath & Co.....	Train, school sup.....	4 51	
	358	C. Pingpaak.....	Library.....	4 50	
	359	R. B. Bowker.....	Library.....	4 00	
	360	Cotman Drug Co.....	Laboratory sup.....	3 20	
	361	Am. Hist. Ass'n.....	Library.....	3 00	

## STATE BOARD OF EDUCATION.

147

## Exhibit D.—Continued.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1906					
Jan. 26	362	Sogo Matsumoto.....	Art supplies.....	\$2 50	
	363	Union Library Ass'n.....	Library.....	2 50	
	364	Katherine Newton, secretary..	Sundry persons....	25 27	
					\$2,738 02
Feb. 23	366	Pay roll.....	Salaries.....	\$2,057 02	
	367	A. C. McClurg.....	Library.....	98 41	
	368	Dodd Mead & Co.....	Library.....	85 00	
	369	E. H. Sargent & Co.....	Laboratory.....	79 27	
	370	C. L. Minar, Water Com.....	Water & meter.....	42 24	
	371	L. J. Everett.....	Furniture.....	37 95	
	372	Max Weg.....	Library.....	37 83	
	373	Commonwealth Power Co.....	Light and power....	35 28	
	374	H. B. Colman, P. M.....	Postage.....	30 00	
	375	H. R. Pattengill.....	Advertising.....	23 80	
	376	Univ. of Chicago Press.....	Library.....	19 05	
	377	Bausch & Lomb Optical Co.....	Laboratory.....	17 99	
	378	Edwards & Chamberlain Co.....	Manual training.....	17 98	
	379	Ihling Bros. & Everard.....	General supplies.....	16 75	
	380	Dewing & Sons.....	Lumber.....	10 22	
	381	W. E. Geary.....	Art supplies.....	7 35	
	382	Mich. State Tel. Co.....	Telephone.....	6 06	
	383	Maynard, Merrill & Co.....	Train. school sup.....	5 94	
	384	Gilmore Bros.....	General supplies.....	5 24	
	385	John Lane.....	Library.....	5 00	
	386	Atkinson, Mentzer & Grover.....	Train. school sup.....	2 92	
	387	Chas. Scribner's Sons.....	Library.....	2 31	
	388	Silver, Burdett & Co.....	Library.....	2 05	
	389	Katherine Newton, secretary..	Sundries.....	25 87	
					2,671 15
Mar. 30	390	Pay roll.....	Salaries.....	\$2,294 27	
	391	Capital Elec. Eng. Co.....	Pump and motor.....	235 00	
	392	A. C. McClurg & Co.....	Library.....	106 55	
	393	Wheeler & Pitkin.....	Sewer.....	43 55	
	394	Commonwealth Power Co.....	Light.....	40 32	
	395	Gage Printing Co.....	Printing.....	32 00	
	396	Ihling Bros. & Everard.....	Printing.....	31 30	
	397	Star Paper Co.....	Supplies.....	25 93	
	398	Horace Prentice & Sons.....	Furniture.....	22 50	
	399	D. B. Waldo.....	Traveling expenses..	17 77	
	400	John Goldsworthy.....	Art desks.....	17 00	
	401	Hastings Trucking Co.....	Frt. and Carting.....	12 18	
	402	Kalamazoo Telegraph Co.....	Advertising.....	10 80	
	403	Prang Educational Co.....	Art supplies.....	10 00	
	404	D. C. Heath & Co.....	Library.....	9 50	
	405	Houghton, Mifflin & Co.....	Library.....	6 10	
	406	Edward Griswold.....	Library.....	6 00	
	407	H. W. Wilson Co.....	Library.....	6 00	
	408	Edwards & Chamberlain.....	General supplies.....	5 50	
	409	Thos. Charles Co.....	Kindergarten sup.....	4 77	
	410	E. H. Sargent Co.....	Laboratory sup.....	4 05	
	411	Colman Drug Store.....	General supplies.....	3 58	
	412	W. E. Geary.....	Train. school sup.....	3 33	
	413	Yawman & Erbe.....	General supplies.....	3 30	
	414	Dewing & Sons.....	Lumber.....	3 00	
	415	Battle Creek Sanitarium.....	Library.....	2 75	
	416	F. W. Russell.....	Train. school sup.....	2 73	
	417	Public School Pub. Co.....	Library.....	2 50	
	418	C. P. Lesh Paper Co.....	Train. school sup.....	2 00	
	419	Univ. of Chicago Press.....	Library.....	1 25	
	420	Library Bureau.....	Library.....	1 00	
	421	Star Stoneware Co.....	Art supplies.....	1 00	
	422	C. O. Boussum.....	Map.....	1 00	
	423	K. Newton, secretary.....	Sundry persons....	26 97	
					2,995 50
April 30	424	Pay roll.....	Salaries.....	\$2,183 42	
April 27	425	M. O. Dewey Co.....	Fuel.....	189 25	
	426	Commonwealth Power Co.....	Library.....	32 40	
	427	Houghton, Mifflin & Co.....	General supplies.....	8 00	
	428	F. W. Russell.....	Art supplies.....	7 72	
	429	W. E. Geary.....	Art supplies.....	6 92	
	430	Mich. State Tel. Co.....	Rental.....	6 00	
	431	Ihling Bros. & Everard.....	Art supplies.....	4 50	

## STATE OF MICHIGAN.

*Exhibit D.—Continued.*

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1906					
April 27	432	C. P. Lesh Paper Co. ....	Library. ....	\$2 50	
	433	Macmillan Co. ....	Library. ....	1 47	
	434	K. Newton, secretary. ....	Sundries. ....	17 30	
					\$2,459 48
May 31	437	Pay roll. ....	Salaries. ....	\$2,250 32	
May 25	438	Ihling Bros. & Everard. ....	Printing. ....	178 00	
	439	A. C. McClurg & Co. ....	Library. ....	62 64	
	440	L. J. Everett. ....	Furniture. ....	47 00	
	441	Columbian Electric Co. ....	Elec. wiring. ....	28 14	
	442	Edwards & Chamberlain. ....	Supplies. ....	22 96	
	443	C. L. Minar. ....	Water. ....	14 60	
	444	W. E. Geary. ....	Art supplies. ....	13 60	
	445	Commonwealth Power Co. ....	Light and power. ....	11 52	
	446	Macmillan Co. ....	Library. ....	7 28	
	447	John Hastings Truck Co. ....	Frt. and carting. ....	6 49	
	448	Central Mich. Nursery Co. ....	Grounds. ....	5 60	
	449	C. H. Barnes Co. ....	Printing. ....	4 50	
	450	United States Express Co. ....	Express. ....	4 27	
	451	Chicago Record-Herald. ....	Library. ....	3 00	
	452	D. B. Waldo. ....	Traveling expenses. ....	53 31	
	453	K. Newton, secretary. ....	Sundry persons. ....	65 59	
					2,778 82
June 22	454	Pay roll. ....	Salaries. ....	\$2,187 44	
June 29	455	B. T. Sturtevant* Co. ....	Apparatus. ....	173 00	
	456	S. D. Childs Co. ....	Diplomas. ....	60 00	
	457	Edwards & Chamberlain Co. ....	General supplies. ....	54 56	
	458	Ginn & Co. ....	Library. ....	42 55	
	459	Ihling Bros. & Everard. ....	General supplies. ....	22 55	
	460	Gilmore Bros. ....	General supplies. ....	12 25	
	461	Commonwealth Power Co. ....	Light and power. ....	12 24	
	462	D. B. Waldo. ....	Traveling expenses. ....	10 94	
	463	John Hastings Trucking Co. ....	Frt. and cartage. ....	10 66	
	464	Joseph McGibney. ....	General supplies. ....	7 08	
	465	News-Record Pub. Co. ....	Printing. ....	5 00	
	466	Detroit News Co. ....	Train. school sup. ....	3 50	
	467	Katherine Newton, secretary. ....	Sundry persons. ....	35 95	
					2,637 72

*Exhibit D.—Concluded.*

## ON ACCOUNT OF SPECIAL APPROPRIATIONS.

Date.	No. of voucher.	Payee.	For what object.	Amount.	Totals.
1905.		Erection and completion of building—			
Aug. 25	228	Eureka Heat. & Vent. Co...	Contract.....	\$858 69	
Sept. 30	253	E. W. Arnold.....	Superintendence.....	63 00	
	254	E. W. Arnold.....	Traveling expenses.....	14 45	
Nov. 24	316	Geo. Rickman & Sons.....	Contract.....	1,770 63	
	317	Geo. Rickman & Sons.....	Contract.....	3,430 25	
1906.					
April 27	435	Eureka Heat. & Vent. Co...	Contract.....	482 42	
	436	Eureka Heat. & Vent. Co...	Contract.....	85 23	\$6,704 67
		Furnishing and equipment of new building—			
Aug. 22	229	Geo. Rickman & Sons Co...	Contract.....	\$2,994 29	
Nov. 24	315	Geo. Rickman & Sons Co...	Material and labor.....	1,505 72	
Jan. 26	365	Geo. Rickman & Sons Co...	Equipment of bldg.....	499 99	5,000 00
1906.		Total disbursements, special appropriations.....			\$11,704 67
July 1		Balance on hand.....			1,448 48
		Total credits, special appropriations.....			\$13,153 15
		Total credits, current expense.....			38,817 32
		Aggregate credits for fiscal year.....			\$51,970 47

## WESTERN STATE NORMAL SCHOOL.

*Summary—Current Expense Fund.*

Receipts and Disbursements.	Amount.	Totals.
RECEIPTS.		
Balance on hand, July 1, 1905.....	\$2,178 87	
Receipts July 1, 1905, to July 1, 1906, from State Treasurer.....	35,000 00	
Receipts from institution.....	1,635 00	
Receipts returned June 1, account overpayment.....	3 45	
Total receipts.....		\$38,817 32
EXPENDITURES.		
Former year—		
July 1, 1905, to December 31, 1905.....	\$2,178 87	
Present year—		
July.....	3,257 00	
August.....	2,742 28	
September.....	2,851 80	
October.....	3,426 46	
November.....	4,019 40	
December.....	3,490 92	
January.....	2,738 02	
February.....	2,671 15	
March.....	2,995 50	
April.....	2,459 48	
May.....	2,778 82	
June.....	2,637 72	
Total expenditures.....	\$38,247 42	
Balance on hand July 1, 1906.....	569 90	
Total.....		\$38,817 32

## STATE OF MICHIGAN.

## WESTERN STATE NORMAL SCHOOL.

*Summary—Special Appropriations.*

Receipts and Disbursements.	Amount.	Totals.
<b>RECEIPTS.</b>		
Balance on hand July 1, 1905 .....	\$8,153 15	
Receipts July 1, 1905, to July 1, 1906 .....	5,000 00	
Total receipts .....		\$13,153 15
<b>EXPENDITURES.</b>		
Erection and completion of building .....	\$6,704 67	
Furnishing and equipment of building .....	5,000 00	
Total expenditures .....	\$11,704 67	
Balance on hand July 1, 1906 .....	1,448 48	
<b>Total</b> .....		<b>\$13,153 15</b>



## STATE BOARD OF EDUCATION.

151

## EXHIBIT E.

*Salary account, Dr., for fiscal year ending June 30, 1905.*

Date.	Name.	Time.	Amount.	Totals.
1905. June 30	D. B. Waldo.....	Twelve months.....	\$2,500 00	
	D. A. Rothrock.....	One and one-half months...	225 00	
	Martha A. Sherwood.....	Ten months.....	1,500 00	
	Ernest Burnham.....	Ten months.....	1,500 00	
	Thomas J. Riley.....	Nine months.....	1,500 00	
	L. H. Wood.....	Nine months.....	1,500 00	
	J. T. McManis.....	Nine months.....	1,500 00	
	Mary Lowell.....	Ten months.....	1,500 00	
	Warren E. Conkling.....	One and one-half months...	150 00	
	Florence Marsh.....	Six months.....	1,000 01	
	Addison D. Gutches.....	Nine and one-third months...	560 00	
	Josephine H. Wing.....	Twelve months.....	500 00	
	Shattuck O. Hartwell.....	One and one-half months...	120 00	
	George S. Waite.....	Eleven months.....	550 00	
	Ray E. Chase.....	Ten months.....	450 00	
	Amelia Anderson.....	Ten months.....	350 00	
	Nellie M. Connell.....	Ten months.....	350 00	
	E. N. Worth.....	One and one-half months...	120 00	
	E. L. Ide.....	One and one-half months...	60 00	
	Gertrude Springer.....	Three months.....	100 00	
	Charlotte A. Waite.....	Ten months.....	200 00	
	Mae Dennis.....	One-half month.....	20 00	
	Ethel Rockwell.....	Ten months.....	150 00	
	James H. Thompson.....	Twelve months.....	300 00	
	Marie J. Madigan.....	Four months.....	60 00	
	Mrs. Lydia G. Wood.....	Two months.....	45 00	
	Mattie E. Young.....	Six months.....	60 00	
	Eva A. Jameson.....	Four months.....	20 00	
	Margaret Brewster.....	One month.....	5 00	
	Marion P. French.....	One month.....	5 00	
Total.....				<u>\$16,900 01</u>

*Salary account, Cr., for fiscal year ending June 30, 1905.*

Date.	No. of voucher.	Pay rolls.	Amount.	Total.
1904.				
July 29	3	July.....	\$1,202 70	
Aug. 26	4	August.....	497 70	
Sept. 23	6	September.....	444 60	
Oct. 28	8	October.....	1,512 68	
Nov. 30	15	November.....	1,469 58	
Dec. 16	23	December.....	1,677 71	
1905.				
Mar. 15	49	January.....	1,668 90	
	50	February.....	1,665 44	
Mar. 31	51	March.....	1,655 58	
April 29	80	April.....	1,728 71	
May 31	111	May.....	1,692 61	
June 21	138	June.....	1,683 80	
Total.....				<u>\$16,900 01</u>